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| Sunday 27th August 2017 |
| Early Career Researchers - Meet & Greet |
| **19:00-22:00** | **Outside Black Bull pub, Grassmarket, before some Fringe Festival events at Espionage** |   |

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| Monday 28th August 2017 |
| East Lothian Industrial Heritage Tour (Pre-paid tickets required - see EPICOH 2017 website) |
| **10:00-16:00** | **Meet at EICC** |   |
| Conference Registration |
| **13:30-18:15** | **Strathblane Hall** |   |
|   | Note: Speaker preview room is Lomond Foyer |
| Pre-conference course - Calculation of person-years and cumulative exposure in cohort studies using Stata |
| **13:00-17:00** | **Ochil 1** | **Chair: Dario Consonni** |
| Plenary 1 |
| **18:30-19:45** | **Pentland** | **Chair: Damien McElvenny & John Cherrie** |
|   | Welcome to Edinburgh by the Lord Provost of EdinburghWelcome to EPICOH 2017, Damien McElvenny |
| 048919:00-19:45 |   | INVITED KEYNOTE: Does epidemiology count?Anthony Newman TaylorImperial College, London, UK |
| Drinks & Canapes Reception |
| **19:45-21:00** | **Cromdale** |   |
| Fireworks - These are free to view, but there is a ticketed area for which tickets can be bought - contact info@epicoh2017.org if interested |
| **21:30-22:15** | **Princes Street** |   |

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| Tuesday 29th August 2017 |
| Conference Registration |
| **07:30-18:15** | **Strathblane Hall** |   |
| Early Career Researchers - Breakfast Talk - Ageing Workforce |
| **07:45-08:45** | **Moorfoot** |   |
|   | Joanne Crawford |
| Early Career Researchers - Breakfast Talk - Producing an effective CV |
| **07:45-08:45** | **Tinto** |   |
|   | Kate Venables & David Wegman |
| Plenary 2 |
| **08:45-10:30** | **Pentland** | **Chair: Lin Fritschi & Cheng-Kuan Lin** |
|   | Welcome to EPICOH 2017, Rob Aitken & Damien McElvenny |
| 039209:00-09:45 |   | INVITED KEYNOTE: Fast forward exposure assessment: Understanding precarity as a work-related risk in the new economyNoah Seixas, Trevor Peckham, Anjum HajatUniversity of Washington, Seattle, WA, USA |
| 048309:45-10:30 |   | INVITED KEYNOTE: Sifting the wheat from the chaff in occupational epidemiology – novel approaches to causal understandingDebbie LawlorUniversity of Bristol, Bristol, UK |
| Coffee |
| **10:30-11:00** | **Cromdale** |   |
| Risk Assessment Mini-symposium, including discussion |
| **11:00-12:45** | **Pentland** | **Chair: Ruth Lunn & Kurt Straif** |
| 0373 |   | Assessing cancer hazards through evidence integration - why is it important?Neela GuhaIARC, Lyon, France |
| 0091 |   | Evaluating the epidemiological evidence - a comparison of frameworks for assessing individual studiesBarbara GlennUnited States Environmental Protection Agency, Washington, D.C., USA |
| 0474 |   | Risk assessment for non-cancer outcomesRoel VermeulenUtrecht University, Utrecht, The Netherlands |
| 0375 |   | Epidemiologic evidence for risk assessment – How successful have we been?Dana LoomisIARC, Lyon, France |
| Asbestos Mini-symposium, including discussion |
| **11:00-12:45** | **Sidlaw** | **Chair: Fintan Hurley & Alison Reid** |
| 0104 |   | Current and future asbestos exposure risks in AustraliaAlison ReidCurtin University, Perth, Western Australia, Australia |
| 0071 |   | Validation of ACM Check: A mobile application to screen for asbestos in residential settingsMatthew GovorkoCurtin University, Perth, Western Australia, Australia |
| 0420 |   | The "third wave" of asbestos exposure in occupational settingsTim DriscollSydney School of Public Health, University of Sydney, NSW, Australia |
| 0116 |   | Evidence of dose-response in the causation of mesothelioma from environmental exposureDaniela Ferrante1,2, Corrado Magnani1,2, Dario Mirabelli3,41Dept. Translational Medicine, University of Eastern Piedmont, Novara, Italy, 2Unit of Cancer Epidemiology, Maggiore Hospital and CPO Piemonte, Novara, Italy, 3Unit of Cancer Epidemiology, CPO Piemonte and University of Turin, Torino, Italy, 4Interdepartmental Centre G Scansetti for Studies on Asbestos and other Toxic Particulates, University of Turin, Torino, Italy |
| 0252 |   | The legacy of *in situ* asbestos cement roofs in South AfricaDavid Rees1,2, James Ian Phillips1,31National Institute for Occupational Health, National Health Laboratory Service, Johannesburg, South Africa, 2School of Public Health, University of the Witwatersrand, Johannesburg, South Africa, 3Faculty of Health Sciences, Department of Biomedical Technology, University of Johannesburg, Johannesburg, South Africa |
| 0343 |   | Past and current asbestos exposure assessed by lung burden and future mesothelioma risks in BritainClare Gilham1, Christine Rake1, John Hodgson2, Andrew Darnton2, Garry Burdett2, James Peto Wild1, Michelle Newton31London School of Hygiene and Tropical Medicine, London, UK, 2Health and Safety Executive, Bootle, UK, 3University of Leicester, Leicester, UK |
| 0480 |   | Measurement of asbestos fibre release during removal works in a variety of DIY asbestos removal scenariosGeza Benke1, Jeremy Trotman21Monash University, VIC, Australia, 2JTA Health, Safety and Noise Specialists, VIC, Australia |
| 0362 |   | Risk of pleural MM and residual asbestos burden in the lung: a retrospective case-control study.Paolo Girardi1,2, Anna Somigliana4, Pietro Gino Barbieri5, Enzo Merler31Venetian Mesothelioma Registry, Occupational Health Unit, Padua, Italy, 2SER Epidemiological Department, Veneto Region, Padua, Italy, 3Promotion and Development of Hygiene and Public Health, Venice, Italy, 4Lombardy Environmental Protection Agency (ARPA), Centre of Electronic Microscopy, Milan, Italy, 5Mesothelioma Register of Brescia, Occupational Health Unit, Local Health Authority, Brescia, Italy |
| 0424 |   | Risk of mesothelioma and risk of exposure to asbestos in people supposedly unexposed to asbestosNicholas de Klerk1, Len Gordon2, Helman Alfonso3, Alison Reid3, Nola Olsen1, Robin Mina1, Peter Franklin1, Susan Peters1, Fraser Brims3, Jennie Hui4, Bill Musk11University of Western Australia, Perth, Australia, 2Caltex Australia, Perth, Australia, 3Curtin University, Perth, Australia, 4PathWest Laboratory Medicine, Nedlands, Australia |
| Exposure Assessment 1, followed by discussion |
| **11:00-12:45** | **Fintry** | **Chair: Hans Kromhout & Tran Huynh** |
| 033411:00-11:15 |   | The interrelationships between occupational exposures, personal characteristics, lifestyle factors and aging. Not a surprise that occupational exposure response relationships are seldom linear.Hans Kromhout1, Theodore Lytras2, Jan-Paul Zock2, On behalf of the ECRHS III Occupational Working Group21IRAS, Utrecht University, Utrecht, The Netherlands, 2Instituto de Salud Global de Barcelona, Barcelona, Spain |
| 035211:15-11:30 |   | Does the size of a company make a difference to the prevalence of exposure?Lin Fritschi1, Sonia El-Zaemey1, Ellie Darcey1, Alison Reid1, Lesley Rushton2, Damien McElvenny31Curtin University, Perth, Australia, 2Imperial College, London, UK, 3Institute of Occupational Medicine, Edinburgh, UK |
| 033011:30-11:45 |   | Incorporating pre-existing knowledge of within, between-worker, and between-group variability into exposure assessment using a Bayesian approachHarrison Quick, Tran Huynh, Igor BurstynDrexel University, Philadelphia, PA, USA |
| 030611:45-12:00 |   | Using data from exposure databanks: Comparing measurement levels in LIMS (Quebec, Canada) and IMIS (USA)Philippe Sarazin1, France Labrèche1, Jacques Lesage3, Jérôme Lavoué21Institut de recherche Robert-Sauvé en santé et en sécurité du travail, Montréal, Québec, Canada, 2Université de Montréal, Montréal, Québec, Canada, 3Université du Québec à Montréal, Montréal, Québec, Canada |
| 026512:00-12:15 |   | Respirator fit and face sizes of South African medical laboratory workers: A false sense of protectionKerry Wilson1,2, Jeanneth Manganyi1,2, David Rees1,21National Institute for Occupational Health, Johannesburg , Gauteng, South Africa, 2University of the Witwatersrand, Johannesburg , Gauteng, South Africa |
| 040712:15-12:30 |   | Respiratory irritant exposures during cleaning and disinfecting in home care: preliminary results from the Safe Home Care StudyMargaret Quinn, Catherine Galligan, John Lindberg, Pia Markkanen, Susan Sama, Rebecca Gore, Noor Sheikh, Nicole Karlsson, David Kriebel, Nancy GoodyearUniversity of Massachusetts, Lowell, MA, USA |
| Shift Work & Disease 1, followed by discussion |
| **11:00-12:45** | **Moorfoot** | **Chair: Thomas Erren & Gerben Hulsegge** |
| 006411:00-11:15 |   | Objectively measured non-occupational and occupational physical activity levels of shift workers compared to non-shift workersBette Loef1,2, Debbie van Baarle3, Allard van der Beek2, Andreas Holtermann4, Karin Proper11Center for Nutrition, Prevention and Health Services, National Institute for Public Health and the Environment, Bilthoven, The Netherlands, 2Department of Public and Occupational Health, Amsterdam Public Health research institute, VU University Medical Center, Amsterdam, The Netherlands, 3Center for Immunology of Infectious Diseases and Vaccines, National Institute for Public Health and the Environment, Bilthoven, The Netherlands, 4National Research Centre for the Working Environment, Copenhagen, Denmark |
| 044711:15-11:30 |   | Night shift-work and risk of prostate cancer in the Danish MilitaryJohnni Hansen, Christina LassenDanish Cancer Society Research Center, Copenhagen, Denmark |
| 033311:30-11:45 |   | Night shift work and breast cancer risk: A combined analysis of population-based case-control studies with complete work historiesEmilie Cordina-Duverger1, Florence Menegaux1, Aboubakari Nambiema1, Sylvia Rabstein2, Volker Harth3, Beate Pesch2, Thomas Brüning2, Lin Fritschi4, Deborah Glass5, Jane Heyworth6, Thomas Erren7, Gemma Castaño-Vinyals8,10, Kyriaki Papantoniou9,10, Ana Espinosa8,10, Manolis Kogevinas8,10, Anne Grundy13, John J. Spinelli11, Kristan J. Aronson12, Pascal Guenel11INSERM, CESP (UMRS 1018) Paris-Saclay University, Paris Sud University, Villejuif, France, 2Research Institute of Occupational Medicine of the German Social Accident Insurance (BGFA), Ruhr University Bochum, Bochum, Germany, 3Institute for Occupational and Maritime Medicine (ZfAM) , University Medical Center Hamburg-Eppendorf (UKE), Hamburg, Germany, 4Western Australian Institute for Medical Research, University of Western Australia, Perth, Australia, 5Department of Epidemiology and Preventive Medicine, School of Public health and Preventive medicine. Monash University, Melbourne, Australia, 6School of Population Health, The University of Western Australia, Nedlands, Australia, 7Institute and Policlinic for Prevention Research, University of Cologne, Cologne, Germany, 8ISGlobal, Centre for Research in Environmental Epidemiology, IMIM (Hospital del Mar Medical Research Institute), Barcelona, Spain, 9Department of Epidemiology, Medical University of Vienna, Vienna, Austria, 10Universitat Pompeu Fabra (UPF), Barcelona, CIBER Epidemiología y Salud Pública (CIBERESP), Madrid, Spain, 11Department of Cancer Control Research, Cancer Agency; School of Population and Public Health, University of British Columbia, Vancouver, British Columbia, Canada, 12Department of Public Health Sciences and Queen’s Cancer Research Institute, Queen’s University, Kingston, Ontario, Canada, 13Department of Social and Preventive Medicine, Université de Montréal, Montreal, Canada |
| 037111:45-12:00 |   | Night shift work and prostate cancer risk: Results from the EPICAP studyGaëlle Wendeu-Foyet1, Sylvie Cénée1, Soumaya BenKhedher1, Xavier Rébillard2, Brigitte Trétarre3, Virginie Bayon4, Damien Léger4, Marie Sanchez1, Florence Menegaux111Université Paris-Saclay, Université Paris-Sud, CESP (Center for Research in Epidemiology and Population Health), Inserm, Team Cancer and Environment, Villejuif, Ile-de-France, France, 2Service Urologie, Clinique Beau Soleil, Montpellier, Occitanie, France, 3Registre des Tumeurs de l’Hérault, Montpellier, Occitanie, France, 4Centre du Sommeil et de la Vigilance, Hôtel Dieu, APHP, Université Paris Descartes, Sorbonne Paris Cité, Paris, France; VIFASOM, équipe d'accueil Vigilance Fatigue et Sommeil, Université Paris Descart, Paris, Ile-de-France, France |
| 024312:00-12:15 |   | Rotating shift work and prevalence of diabetes mellitus and prediabetes in male employees of a large German chemical company: results of a cross-sectional studyMatthias Claus, Michael Schuster, Christoph Oberlinner, Stefan WebendörferBASF SE, Ludwigshafen, Rhineland-Palatinate, Germany |
| 028312:15-12:30 |   | Examining exposure assessment in shift work research: a study on depression among nursesAmy Hall1, Mieke Koehoorn1, Renee-Louise Franche21University of British Columbia, Vancouver, Canada, 2WorkSafeBC, Vancouver, Canada |
| Psychosocial, followed by discussion |
| **11:00-12:45** | **Tinto** | **Chair: David Coggon & Ira Madan** |
| 033211:00-11:15 |   | The impact of organizational change on sickness absence: how much of the effects are mediated by workplace social capital?Johan Høy Jensen1, Theis Lange2,3, Esben Meulengracht Flachs1, Janne Skakon4, Naja Hulvej Rod5, Jens Peter Ellekilde Bonde11Department of Occupational and Environmental Medicine, Bispebjerg University Hospital, Copenhagen, Denmark, 2Department of Biostatistics, University of Copenhagen, Copenhagen, Denmark, 3The Center for Statistical Science, Peking University, Peking, China, 4Department of Psychology, University of Copenhagen, Copenhagen, Denmark, 5Department of Public Health, University of Copenhagen, Copenhagen, Denmark |
| 0049 11:15-11:30 |   | A cohort study of job stress and fatigue on health psychology among professional driversYu Jen Lin1, Wei Te Wu2, Saou Hsing Liou2, Yue Liang Guo1,21National Taiwan University, Taipei, Taiwan, 2National Health Research Institutes, Miaoli, Taiwan |
| 042811:30-11:45 |   | Are temporary workers at higher risk of sickness absence due to mental disorders?Monica Ubalde-Lopez1,2, Laura Serra Saurina1,2, George Delclos1,2, Fernando G Benavides3,21IMIM (Hospital del Mar Medical Research Institute), Barcelona, Spain, 2CIBERESP, CIBER in Epidemiology and Public Health, Madrid, Spain, 3Southwest Center for Occupational and Environmental Health, Division of Epidemiology, Human Genetics, and Environmental Sciences,The University of Texas Health Science Center at Houston, Texas, USA |
| 0041 11:45-12:00 |   | Work-related ill-health in doctors working in Great Britain: Incidence rates and trendsAnli Yue Zhou, Melanie Carder, Matthew Gittins, Raymond AgiusThe University of Manchester, Manchester, UK |
| 033112:00-12:15 |   | Prolonged perceived stress and saliva cortisol in a large cohort of Danish public service employees: cross-sectional and longitudinal associationsSigurd Mikkelsen1, Julie Lyng Forman2, Samuel Fink1, Marianne Agergaard Vammen1, Jane Frølund Thomsen1, Matias Brødsgaard Grynderup3, Åse Marie Hansen3,4, Linda Kaerlev5,6, Henrik Albert Kolstad7, Rugulies Reiner3,4, Jens Peter Bonde11Department of Occupational and Environmental Medicine, Bispebjerg University Hospital, Copenhagen, Denmark, 2Section of Biostatistics, Department of Public Health, University of Copenhagen, Copenhagen, Denmark, 3Department of Public Health, University of Copenhagen, Copenhagen, Denmark, 4National Research Centre for the Working Environment, Copenhagen, Denmark, 5Research Unit of Clinical Epidemiology, Institute of Clinical Research, University of Southern Denmark, Odense, Denmark, 6Center for Clinical Epidemiology, Odense University Hospital, Odense, Denmark, 7Department of Occupational Medicine, Danish Ramazzini Centre, Aarhus University Hospital, Aarhus, Denmark |
| Pot Pourri, followed by discussion |
| **11:00-12:45** | **Kilsyth** | **Chair: Yue-Leon Guo & Marc Schenker** |
| 021811:00-11:15 |   | Work-related injury mortality among children and adolescents in Brazil, 2000 - 2014Vilma Santana1, Tatiane Meira1, Maria Cláudia Peres1, Yukari Mise1, Raquel Pompeu1, Flávia Ferreira-de-Sousa2, Ligia Kiss3, Anne Andermann41Federal University of Bahia, Salvador, Ba, Brazil, 2Health Ministry, Brasilia, DF, Brazil, 3London University, London, UK, 4University of McGill, Montreal, Canada |
| 028111:15-11:30 |   | Evaluating the completeness of compulsory work-related diseases/injuries notifications recorded by three cities in Southeast Brazil.Mariana Tavares Guimarães1, Ana Paula Sacone da Silva Ferreira1, Alessandro José Nunes da Silva2, Sandra Renata Duracenko2, Simone Alves dos Santos3, José Carlos do Carmo3, Rodolfo Andrade de Gouveia Vilela1, Maria Regina Alves Cardoso11School of Public Health, University of São Paulo, São Paulo, SP, Brazil, 2CEREST Piracicaba, Piracicaba, SP, Brazil, 3Health Surveillance Center, Sao Paulo State Health Secretariat, São Paulo, SP, Brazil |
| 022711:30-11:45 |   | Risk of Heat Related Illness: Differences between male and female farmworkers with respect to hydration practices.Diane Mitchell, Javier Castro, Tracey Armitage, Marc SchenkerUniversity of California, Davis, Davis, California, USA |
| 010911:45-12:00 |   | Health effects of exposure to arsenic: A 39-years cohort study in Manfredonia, Italy.Emilio A L Gianicolo1,2, Antonella Bruni1, Cristina Mangia3, Marco Cervino4, Maurizio Portaluri5, Roberta Pirastu9, Pietro Comba10, Annibale Biggeri6,7, Maria Angela Vigotti1,8, Maria Blettner2, on behalf of “Manfredonia environment and health Committee”111Italian National Research Council Institute of Clinical Physiology, Lecce, Italy, 2University of Mainz, Institute for Medical Biostatistics, Epidemiology and Informatics, Mainz, Germany, 3Italian National Research Council Institute of Atmospheric Sciences and Climate, Lecce, Italy, 4Institute of Atmospheric Sciences and Climate, Bologna, Italy, 5General Hospital Radiotherapy Department, Brindisi, Italy, 6Epidemiologia e Prevenzione Giulio Maccacaro Social Enterprise, Torino, Italy, 7University of Florence, Department of Statistics, Computer Science, Applications, Florence, Italy, 8University of Pisa, Pisa, Italy, 9Sapienza Rome University, Rome, Italy, 10Istituto Superiore di Sanità Dipartimento Ambiente e Salute, Rome, Italy, 11“Manfredonia environment and health Committee”, Manfredonia, Italy |
| 049012:00-12:15 |   | A randomised control crossover trial of a theory based intervention to improve sun-safe and healthy behaviours in construction workers: study protocolAmanda Nioi, Charlotte Wendelboe-Nelson, John CherrieSchool of Engineering and Physical Sciences, Heriot-Watt University, Edinburgh, UK |
| 023512:15-12:30 |   | Framework to match exposure and health outcomes to build health management system for construction workers in KoreaHyunwoo Choi, Dongmug Kang, Jongeun KimPusan National University Yangsan Hospital, Yangsan, Republic of Korea |
| Lunch |
| **12:45-13:45** | **Cromdale** |   |
| Poster session 1 |
| **12:45-14:30** | **Cromdale** |   |
| 0019 |   | The association of adolescent spinal pain with work absenteeism in early adulthood – six-year follow-up data from a population-based cohort Pieter Coenen1,2, Anne Smith1, Peter Kent1, Mark Harris3, Darren Beales1, Peter O'Sullivan1, Leon Straker11School of Physiotherapy and Exercise Science, Curtin University, Perth, Australia, 2Department of Public & Occupational Health, Amsterdam Public Health Research Institute, VU University Medical Center, Amsterdam, The Netherlands, 3Curtin Business School, Curtin University, Perth, Australia |
| 0027 |   | Musculoskeletal disorder survey of caregivers in disability services centersChihwei Lu, E.W. YehChung Yuan Christian University, Taoyuan City,, Taiwan |
| 0038  |   | An epidemiological cross-sectional comparative study of morbidity profile in an automobile manufacturing unitRajat Kumar SahaHero MotoCorp Ltd, Dharuhera Haryana, India |
| 0043  |   | Stress at work is associated with an increased risk of obesity in CanadiansYue ChenUniversity of Ottawa, Ottawa, Ontario, Canada |
| 0051 |   | Estimating worker exposure to solar UV radiation in South Africa by possible extent and occupational groupCaradee Wright1,2, Cheryl Peters3,41South African Medical Research Council, Pretoria, Gauteng, South Africa, 2University of Pretoria, Pretoria, Gauteng, South Africa, 3Carleton University, Ontario, Canada, 4Simon Fraser University, British Columbia, Canada |
| 0053 |   | Evaluation of the outcome of the applied ergonomics trainings in a cement factoryFerdi Tanir1, Rengin Guzel1, Ramazan Azim Okyay21Cukurova University Faculty of Medicine, Adana, Turkey, 2Sutcu Imam University Faculty of Medicine, K.Maras, Turkey |
| 0057 |   | A novel risk prediction tool for disability pension due to musculoskeletal disordersRaman Shiri1, Markku Heliövaara2, Kirsi Ahola1, Leena Kaila-Kangas1, Eija Haukka1, Johanna Kausto1, Peppiina Saastamoinen3, Päivi Leino-Arjas1, Tea Lallukka1,31Work disability prevention, Finnish Institute of Occupational Health, Helsinki, Finland, 2Department of Health, National institute for Health and Welfare, Helsinki, Finland, 3Department of Public Health, University of Helsinki, Helsinki, Finland |
| 0062 |   | “Rotating shift work and metabolic syndrome among employees working in tertiary care hospital in Southern India”Reginald George Alex, Santhosh Kumar, Henry KirupakaranChristian Medical College, Vellore, Tamil Nadu, India |
| 0075 |   | Determinants of international differences in the prevalence of multisite musculoskeletal pain in working populationEmanuele Rizzello1, Georgia Ntani2, Ira Madan3, David Coggon21Department of Medical and Surgical Sciences (DIMEC), University of Bologna, Bologna, Italy, 2MRC, Lifecourse Epidemiology Unit, University of Southampton, Southampton, UK, 3Guy’s and St Thomas’ NHS Foundation Trust, London, UK |
| 0079 |   | Characteristics of particle size distribution in concrete finishing workHyun-Hee Park, Eun-Song Hwang, Jae-Kil JangKorea Occupational Safety and Health Agency, Ulsan, Republic of Korea |
| 0080 |   | Measurement of physiological workload and musculoskeletal fatigue among nursing attendants in TaiwanPi-Min Shih, Shih-Yi Lu, Yen-Hui LinDepartment of Occupational Safety and Health, Chung Shan Medical University, Taichung city, Taiwan |
| 0084 |   | Overwork and its impact on workers’ health: A cross-country comparison of overwork-related cardiovascular mortalities and its reflection in the Taiwanese situationRo-Ting Lin1, Cheng-Kuan Lin21China Medical University, Taichung, Taiwan, 2Harvard T.H. Chan School of Public Health, Boston, MA, USA |
| 0088 |   | Characteristics of non-Hodgkin's lymphoma patients among a cohort of semiconductor-manufacturing workersJung-min Sung, Sang-gil Lee, Eun-A KimKOSHA, Ulsan, Republic of Korea |
| 0097 |   | Risk factors for occupational low back pain (LBP), medicine use, and seeking care for LBP: Results from a prospective cohort studyArun Garg1, Jay Kapellusch1, Kurt Hegmann21UWM, Milwaukee, WI, USA, 2University of Utah, Salt Lake City, UT, USA |
| 0100 |   | Childhood in backstage: Repercussions, risks and challenges of artistic child laborSandra Cavalcante, Rodolfo VilelaPublic Health Faculty - University of São Paulo, São Paulo/SP, Brazil |
| 0103 |   | Farming and mortality from non-Hodgkin's lymphoma in TaiwanChun-Yuh Yang1, Shang-Shyue Tsai21Department of Public Health, Kaohsiung Medical University, Kaohsiung, Taiwan, 2Department of Healthcare Administration, Kaohsiung, Taiwan |
| 0119 |   | DNA variants and organophosphate neurotoxicity among emerging farmers in the western Cape of South AfricaTracy Glass, Mohamed Aqiel Dalvie, Zelda Holtman, Anna Alvera Vorster, Rajkumar Sewcharan Ramesar, Leslie LondonUniversity of Cape Town, Cape Town, Western Cape, South Africa |
| 0143 |   | A 10-year prospective study of toner handling workersRyosuke Sugano, Satoshi Michii, Hajime Ando, Hiroki Nozawa, Kazunori Ikegami, Akira OgamiDepartment of Work Systems and Health, Institute of Industrial and Ecological Sciences, University of Occupational and Environmental Health, Kitakyushu, Fukuoka, Japan |
| 0147 |   | Interrelationships between key socioeconomic indicators and long sickness absence due to musculoskeletal disorders among young female municipal employees in Helsinki, FinlandHilla Sumanen, Minna Mänty, Olli PietiläinenUniversity of Helsinki, Helsinki, Finland |
| 0154 |   | Occupational diseases attended at Parc de Salut Mar (Barcelona): Care costs in a series of confirmed cases (2010-2014)*.*M Valinho-Carrete1, FG Benavides2,4, A Beltran-Fonollosa1,3, JM Ramada2,4, F Cots2, M Trapero-Bertran5, GL Delclos4,6, C Serra1,41CiSAL-Center for Research in Occupational Health, University Pompeu Fabra, Barcelona, Spain, 2IMIM Hospital del Mar Medical Research Institute, Barcelona, Spain, Barcelona, Spain, 3Occupational Health Service, Parc de Salut Mar, Barcelona, Spain, 4CIBER de Epidemiología y Salud Pública (CIBERESP), Barcelona, Spain, 5Facultad de ciencias económicas y sociales. Universitat Internacional de Catalunya, Barcelona, Spain, 6The University of Texas School of Public Health, Houston, Texas, USA |
| 0156 |   | Lung cancer among meat industry workers: Results of the ICARE StudySoumaya Ben Khedher1, Mireille Matrat2,3, Sylvie Cenée1, Marie Sanchez1, Danièle Luce4,5, Isabelle Stücker11Université Paris-Saclay, Univ. Paris-Sud, UVSQ, CESP, INSERM, Villejuif, F-94807, France, 2University Paris Est-Créteil, Faculty of Medicine IFR 10, 94010 Créteil Cedex, France, 3Centre Hospitalier Intercommunal, Service de Pneumologie et de Pathologie Professionnelle, 94010 Créteil Cedex, France, 4INSERM, U 1085\_IRSET, F-97154 Pointe-à-Pitre, France, 5University of Rennes 1, F-35700, Rennes, France |
| 0168 |   | Quantification of viable Staphylococcus aureus and viable Bacteria in workplaces by propidium monoazide with qPCRChing-Wen Chang, Meng-Hsuan LinNational Taiwan University, Taipei, Taiwan |
| 0169 |   | The effect of psychological symptom within 1 year after occupational injury on long-term self-perceived health statusWeishan Chin1, Judith Shu-Chu Shiao2, Yue-Liang Leon Guo3,4, Shih-Cheng Liao5, Kuan-Han Lin6, Chih-Chieh Chen11Institute of Occupational Medicine and Industrial Hygiene, National Taiwan University School of Public Health, Taipei, Taiwan, 2Department of Nursing, College of Medicine, National Taiwan University (NTU) and NTU Hospital, Taipei, Taiwan, 3National Institute of Environmental Health Science, National Health Research Institutes, Zhunan, Taiwan, 4Department of Environmental and Occupational Medicine, National Taiwan University (NTU) and NTU Hospital, Taipei, Taiwan, 5Department of Psychiatry, College of Medicine, National Taiwan University (NTU) and NTU Hospital, Taipei, Taiwan, 6The Graduate Institute of Medical Education and Bioethics, National Taiwan University College of Medicine, Taipei, Taiwan |
| 0177 |   | Occupational risk assessment on Chrysotile productionSerik Ibraev, Alexey Alexeyev, Asset IzdenovKaraganda State Medical University, Karaganda, Kazakhstan |
| 0178 |   | Vibration exposure of military personnel depending on military vehicle type, position in vehicle and travelling surfaceAssar Luha1, Eda Merisalu1, Siim Kinnas2, Rainer Jõgeva3, Hans Orru21Estonian University of Life Sciences, Tartu, Estonia, 2University of Tartu, Tartu, Estonia, 3Estonian Defence Forces, Võru, Estonia |
| 0186 |   | Women Epidemiology Lung Cancer (WELCA) study: reproductive, hormonal, occupational risk factors and biobankDiane Martin1, Monica Neri1, Pierre Laurent-Puig2, Hélène Blons3, Martine Antoine4, Anne Guiochon-Mantel5,6, Sylvie Brailly-Tabard5,6, Marianne Canonico1, Marie Wislez7,8, Jean Trédaniel9, Isabelle Stücker11Université Paris-Saclay, Univ.Paris-Sud, UVSQ, CESP, Inserm UMRS, 1018, Villejuif, France, 2Université Paris Descartes, Inserm UMR5775 EPIGENETEC, Paris, France, 3INSERM UMR-S1147, Université Paris Sorbonne Cité, Hôpital Européen Georges Pompidou (HEGP) APHP, Paris, France, 4Service d'anatomopathologie, APHP TENON, Paris, France, 5Service de Génétique moléculaire, Pharmacogénétique et Hormonologie, Hôpital de Bicêtre APHP, Le Kremlin Bicetre, France, 6INSERM UMRS1185, Faculté de médecine Paris Sud, Université Paris-Sud, Université Paris-Saclay, Paris, France, 7Service de Pneumologie APHP TENON, Paris, France, 8Sorbonne Université, UPMC Univ. Paris 06, GRC-04, Théranoscan, Paris, France, 9Université Paris Descartes, Unité de cancérologie thoracique, Groupe Hospitalier Paris Saint Joseph, Paris, France |
| 0196 |   | Mortality among Swedish hard metal production workers: Measurement data and exposure assessmentHåkan Westberg1, Ing-Liss Bryngelsson1, Gary Marsh2, Jeanine Buchanich2, Sarah Zimmerman2, Kathleen Kennedy3, Nurtan Esmen3, Magnus Svartengren41Department of Occupational and Environmental Medicine, Faculty of Science, Örebro, Sweden, 2Center for Occupational Biostatistics and Epidemiology, Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, USA, 3Division of Environmental and Occupational Health Sciences, School of Public Health, University of Illinois at Chicago, Chicago, USA, 4Department of Medical Science, Occupational and Environmental Medicine, Uppsala, Sweden |
| 0197 |   | Epidemic of bladder cancer: Ten cases in Japanese male workers exposed mainly to ortho-toluidineMakiko Nakano1, Kazuyuki Omae1, Toru Takebayashi1, Shigeki Koda21Department of Preventive Medicine and Public Health, Keio University School of Medicine, Tokyo, Tokyo, Japan, 2National Institute of Occupational Safety and Health, Kawasaki, Kanagawa, Japan |
| 0211 |   | Occupational heat stress and heat strain assessment using climate service informationChuansi Gao1, Kalev Kuklane1, Per-Olof Östergren2, Tord Kjellstrom31Thermal Environment Laboratory, Division of Ergonomics and Aerosol Technology, Department of Design Sciences, Faculty of Engineering, Lund University, Lund, Sweden, 2Social Medicine and Global Health, Department of Clinical Sciences in Malmö, Lund University, Lund, Sweden, 3Centre for Technology Research and Innovation (CETRI Ltd), Lemesos, Cyprus |
| 0228 |   | Using prediction models to investigate the relation between physical exposures during computer use and symptoms in a large cohort of office workersMaaike Huysmans1, Belinda Eijckelhof1, Jennifer Bruno Garza2, Birgitte Blatter3, Peter Johnson4, Jaap van Dieen5, Allard van der Beek1, Jack Dennerlein61Department of Public and Occupational Health, Amsterdam Public Health research institute, VU Medical Center, Amsterdam, The Netherlands, 2Division of Occupational and Environmental Medicine, UConn Health, Farmington, USA, 3Netherlands Organisation for Applied Scientific Research TNO, Leiden, The Netherlands, 4Department of Environmental and Occupational Health Sciences, University of Washington, Seattle, USA, 5MOVE Research Institute Amsterdam, Amsterdam, The Netherlands, 6Department of Physical Therapy, Movement, and Rehabilitation Sciences, Bouvé College of Health Sciences, Northeastern University, Boston, USA |
| 0233 |   | Physical and mental health of non-professional emergency responder in a healthcare institutionDwee Wee Lim, Joseph Lim Suan Seng, Lay Tin LeeOccupational Health Services, Tan Tock Seng Hospital, Singapore, Singapore |
| 0249 |   | Job-exposure matrix for historical exposure to rubber dust, rubber fumes, and n-Nitrosamines in the British rubber industryMira Hidajat1, Damien McElvenny2, Will Mueller2, Peter Ritchie2, John Cherrie2,3, Andrew Darnton4, Raymond Agius5, Frank de Vocht11University of Bristol, Bristol, UK, 2Institute of Medicine, Edinburgh, UK, 3Heriot Watt University, Edinburgh, UK, 4Health and Safety Executive, Bootle, UK, 5The University of Manchester, Manchester, UK |
| 0258 |   | Prevalence of work-related musculoskeletal diseases and disability in construction workers in AnkaraNecvan Tokmak1, Selim Yuksel2, Zeynep Cavusoglu3, Zerrin Unlu4, Cemil Tuna5, Mustafa Unaldi6, Ahmet Ozlu7, Mustafa Kemal Basarali8, Friederieke Schaafsma9, Frank Van Dijk91Public Health Institution of Turkey, Ankara, Turkey, 2Public Health Directorate of Kocaeli, Kocaeli, Turkey, 3Public Health Directorate of Izmir, Izmir, Turkey, 4Public Health Institution of Turkey, Ankara, Turkey, 5Public Health Institution of Turkey, Ankara, Turkey, 6Public Health Directorate of Ankara, Ankara, Turkey, 7Public Health Institution of Turkey, Ankara, Turkey, 8Public Health Institution of Turkey, Ankara, Turkey, 9Free University in Amsterdam, Amsterdam, The Netherlands |
| 0268 |   | Socio-economic differences in use of occupational, public and private health care in working-age population in FinlandJenni BlomgrenThe Social Insurance Institution of Finland, Helsinki, Finland |
| 0288 |   | Development of quantitative estimates of wood dust exposure in a Canadian general population job-exposure matrix based on past expert assessmentsJean-François Sauvé1,2, Hugh W Davies3,4, Marie-Élise Parent5, Cheryl E Peters3,4, Jack Siemiatycki1,2, Marie-Pierre Sylvestre1,2, Jérôme Lavoué1,21University of Montreal, School of Public Health, Montreal, Canada, 2CRCHUM, Montreal, Canada, 3University of British Columbia, Vancouver, Canada, 4CAREX Canada, Vancouver, Canada, 5INRS-Institut Armand-Frappier, Laval, Canada, 6Carleton University, Ottawa, Canada |
| 0304 |   | Temporo-spatial analysis of mortality from pleural mesothelioma from 1975 to 2012 in Île-de-FrancePhilippe Bouvet de la Maisonneuve1,2, Florian Pontin1, Adrien Saunal1, Maylis Telle-Lamberton11Observatoire Régional de Santé d'Île-de-France, Paris, France, 2Université Pierre et Marie Curie, Paris, France |
| 0309 |   | Real-time fine aerosol exposures in taconite mining operationsTran Huynh1, Gurumurthy Ramachandran2, Harrison Quick1, Peter Raynor3, Bruce Alexander3, Jeff Mandel31Drexel University, Philadelphia, PA, USA, 2Johns Hopkins University, Baltimore, MD, USA, 3University of Minnesota, Minneapolis, MN, USA |
| 0324 |   | Misclassification of animal handling injuries to swine workersJessica Evanson, Deirdre Green, Bruce Alexander, Jeff BenderUniversity of Minnesota, Minneapolis, MN, USA |
| 0357 |   | Multi-site musculoskeletal pain in Swedish police and its association with use of mandatory equipmentLouise Bæk Larsen1, Elisabeth Elgmark Andersson1, Roy Tranberg2, Nerrolyn Ramstrand11Department of rehabilitation, School of Health and Welfare, Jönköping University, Jönköping, Sweden, 2Department of Orthopaedics, Institute of Clinical Sciences, University of Gothenburg, Gothenburg, Sweden |
| 0358 |   | Rhinitis symptoms and immunological response after occupational exposure to shrimp shell powderBjørg Eli Hollund1,2, Jorunn Kirkeleit1,2, Cecilie Svanes1,2, Morten Langeland1, Randi Bertelsen1,21Department of Occupational Medicine, Bergen, Norway, 2University of Bergen, Bergen, Norway |
| 0385 |   | Occupational exposure to diesel motor exhaust and the risk of cancer of the oral cavity, pharynx and larynx: the Icare studyAurélie Gérazime1, Christine Barul1, Gwenn Menvielle2, Isabelle Stücker3, Danièle Luce11INSERM U1085 - IRSET, Pointe-à-Pitre, France, 2Sorbonne Universités, UPMC Univ Paris 06, INSERM, IPLESP UMRS 1136), Paris, France, 3INSERM U1018 - CESP, VIllejuif, France |
| 0410 |   | Occupational exposure to pesticides and health effects in male banana plantation workers in EcuadorHans-Peter Hutter1,2, Hanns Moshammer1, Peter Wallner1,3, Shifra Shahrakisanavi1, Helmut Ludwig2, Michael Kundi11Department of Environmental Health, Medical University Vienna, Vienna, Austria, 2International Society of Doctors for the Environment - Section Austria, Vienna, Austria, 3Medicine and Environmental Protection, Vienna, Austria |
| 0416 |   | Relationship between extracellular iron and circulating inflammation markers in plasma of Minnesota taconite workersShannon M. Sullivan, Bin Ma, Bruce H. Alexander, Jeffrey H. Mandel, Irina StepanovUniversity of Minnesota, Minneapolis, Minnesota, USA |
| 0419 |   | Anxiety and depressive diagnoses among workers with musculoskeletal injuryAndrea Marie Jones1, Mieke Koehoorn1, Ute Bültmann2, Christopher McLeod11University of British Columbia, Vancouver, Canada, 2University of Groningen, Groningen, The Netherlands |
| 0421 |   | Injury severity, return to work, and outcomes in collectively-bargained alternative workers' compensation arrangementsKatherine Schofield1, Kim Dauner1, Andrew Ryan21University of Minnesota Duluth, Duluth, MN, USA, 2University of Minnesota, Minneapolis, MN, USA |
| 0427 |   | Occupational exposures among home-based informal workers in a poor urban area of BrazilEduardo Marinho Barbosa1,2, Vilma Sousa Santana2, Sílvia Ferrite3,2, Felipe Campos2, Gisella Cristina de Oliveira Silva2, Milena Maria Cordeiro Almeida3,21Federal Institute of Bahia - IFBA, Health Technology Nucleus - NTS, Salvador, Bahia, Brazil, 2Federal University of Bahia - UFBA, Institute of Collective Health - ISC, Program of Environmental and Workers’ Health - PISAT, Salvador, Bahia, Brazil, 3Federal University of Bahia - UFBA, Institute of Health Sciences - ICS, Salvador, Bahia, Brazil |
| 0438 |   | Field study potential in India for Occupational Heat Stress - Challenges and OpportunitiesVidhya Venugopal, Jeremiah Chinnadurai, Rekha S, Manikandan K, Krishnan S, Latha K, Kumaravel KSri Ramachandra University, Chennai, Tamilnadu, India |
| 0444 |   | Bringing evidence of "what works" to practise.Emma Irvin1, Stephen Bornstein3, Kim Cullen1, Amanda Butt3, Dwayne Van Eerd1,2, Leslie Johnson4, Ron Saunders11Institute for Work & Health, Toronto, Ontario, Canada, 2School of Public Health and Health Systems, University of Waterloo, Waterloo, Ontario, Canada, 3SafetyNet Centre for Occupational Health & Safety Research Memorial University,, St. John's, Newfoundland & Labrador, Canada, 4College of Rehabilitation Sciences, Faculty of Health Sciences, University of Manitoba, Winnipeg, Manitoba, Canada |
| 0451 |   | Perceived heat exposure while at work. A questionnaire study in West Java, IndonesiaIda Karlsson, Vidhya Venogupal, Anna Suraya, Kristina JakobssonInstitution of Public Health and Community Medicine, Gothenburg, Sweden |
| 0460 |   | Smoking adjusted occupational risk of bladder cancer using proxy smoking from lung cancer in Nordic males.Kishor Hadkhale1, Jan Ivar Martinsen2, Elisabete Weiderpass2,5, Kristina Kjaerheim2, Elsebeth Lynge6, Pär Sparen5, Laufey Tryggvadottir7,8, Eero Pukkala1,91University of Tampere, Faculty of Social Sciences, Tampere, Finland, 2Cancer Registry of Norway, Institute of Population-Based Cancer Research, Oslo, Norway, 3University of Tromsø, Faculty of Health Sciences, The Arctic University of Norway, Tromsø, Norway, 4Folkhälsan Research Center, Genetic epidemiology group, Helsinki, Finland, 5Karolinska Institutet, Department of Medical Epidemiology and Biostatistics, Stockholm, Sweden, 6University of Copenhagen, Institute of Public Health, Copenhagen, Denmark, 7Icelandic Cancer Registry, Reykjavik, Iceland, 8University of Iceland, Faculty of Medicine, Reykjavik, Iceland, 9Finnish Cancer Registry, Institute for Statistical and Epidemiological Cancer Research, Helsinki, Finland |
| 0462 |   | A Comparison of Distal Upper Limb Physical Exposure Quantification Tools: the Strain Index, ACGIH TLV for HAL, and the Recently Developed Revised Strain IndexJay Kapellusch, Arun GargUniversity of Wisconsin - Milwaukee, Milwaukee, Wisconsin, USA |
| 0478 |   | Inhalation and dermal exposure to toluene among printing workers in a plastic bag factoryWantanee Phanprasit1, Kanchanok Songpek2, Vorakamol Boonyayothin1, Dusit Sujirarat11MahidolUniversity, Bangkok, Thailand, 2Reckitt Benckiser Healthcare Manufacturing (Thailand) Ltd, Bangkok, Thailand |
| 0485 |   | Environmental exposure to radiofrequency and risk of lymphoma subtypesG. Satta1, P. Cocco1, A. Salis2, L. Saba2, S. Sanna1, E. Angelucci3, A. Gabbas1, F. Culurgioni3, P. Pili3, E. Mura3, M. Cappai4, Maris G. Ennas11University of Cagliari, Cagliari, Italy, 2EPICOOP, Cagliari, Italy, 3A. Businco Oncology Hospital, Cagliari, Italy, 4Regional Agency for Environmental Protection of Sardinia (ARPAS), Cagliari, Italy |
| Modernet Meeting (open to all delegates) |
| **13:30-14:30** | **Tinto** | **Chair: Lode Godderis** |
| Early Career Researchers - Speed Networking |
| **13:30-14:30** | **Ochil** |   |
|   | Ioannis Basinas & Will MuellerPanel: Debbie Glass, Debbie Lawlor, Yue-Leon Guo, Manolis Kogevinas, Dana Loomis, Noah Seixas |
| Poster walk 1-1 (Cancer) |
| **13:45-14:30** | **Cromdale** | **Chair: Susan Peters** |
| 0074 |   | Lung cancer risk due to exposure to respirable crystalline silica in the absence of silicosisMatthias MöhnerFederal Institute for Occupational Safety and Health, Berlin, Germany |
| 0140 |   | Breast cancer incidence and metalworking fluid exposure in a cohort of female autoworkersErika Garcia1, Patrick Bradshaw2, Sadie Costello1, Ellen Eisen11Environmental Health Sciences Division, School of Public Health, University of California, Berkeley, Berkeley, California, USA, 2Epidemiology Division, School of Public Health, University of California at Berkeley, Berkeley, California, USA |
| 0173 |   | Radiation-induced peritoneal mesothelioma after external beam radiotherapy for prostate adenocarcinoma: a longitudinal analysis of SEER registries.Andrea Farioli1, Francesca Zanardi2, Emanuele Rizzello1, Giovanna Spatari3, Alessio Giuseppe Morganti4, Francesco Saverio Violante11Department of Medical and Surgical Sciences (DIMEC), Bologna University, Bologna, Italy, 2Department of Public Health Sciences and Pediatrics, Turin University, Turin, Italy, 3Department of Biomedical and Dental Sciences and Morphofunctional Imaging, Messina University, Messina, Italy, 4Department of Experimental, Diagnostic and Specialty Medicine, University of Bologna, Bologna, Italy |
| 0203 |   | Farming and mortality from leukemia in TaiwanChih-Ching Chang1, Shu-Chen Ho2, Chun-Yuh Yang21National Cheng Kung University, Tainan, Taiwan, 2Kaohsiung Medical University, Kaohsiung, Taiwan |
| 0253 |   | Estimated future incidence of malignant mesothelioma in Korea : projection from 2015 to 2034Kyeongmin Kwak1,2, Domyung Paek2, Seung-sik Hwang2, Young-su Ju31Gachon University Gil Medical Center, Incheon, Republic of Korea, 2Seoul National University Graduate School of Public Health, Seoul, Republic of Korea, 3Hallym University Sacred Heart Hospital, Anyang, Republic of Korea |
| 0353 |   | Navigating cancer at sea - an extended follow-up on cancer incidence in a Danish cohort of seafarers.Kajsa Petersen, Julie Volk, Johnni HansenThe Danish Cancer Society Research Center, Copenhagen, Denmark |
| 0432 |   | Parental exposure to paints and risk of childhood cancerJulie Volk3, Johnni Hansen3, Julia Heck2, Kjeld Schmiegelow11Department of Pediatrics and Adolescent Medicine, University Hospital Rigshospitalet, Copenhagen, Denmark, 2Department of Epidemiology, UCLA School of Public Health, California, USA, 3Department of Diet, Genes and Environment, Danish Cancer Society Research Center, Copenhagen, Denmark |
| 0476 |   | The Brazil-Italy project on asbestos-related diseases in CuritibaDario Consonni1, Luciana Puchalski Kalinke2, Marco Aurélio Kalinke3, Fernanda Moura D'Almeida Miranda2, Larissa Marcondes2, Tatiana Hallfeld2, Christiane Brey2, Shirley Boller2, Angela Cecilia Pesatori4,1, Carolina Mensi1, Leila Maria Mansano Sarquis21Department of Preventive Medicine, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy, 2Universidade Federal do Paranà, Curitiba, Brazil, 3Universidade Tecnológica Federal do Paranà, Curitiba, Brazil, 4Department of Clinical Sciences and Community Health, Università degli Studi di Milano, Milan, Italy |
| Poster walk 1-2 (Exposure assessment) |
| **13:45-14:30** | **Cromdale** | **Chair: Roel Vermeulen** |
| 0073 |   | Respirable dust and crystalline silica exposure among concrete finishing workers in construction industryHyunhee Park, Ensong HwangKorea Occupational Safety and Health Agency, Ulsan, Republic of Korea |
| 0121 |   | Data analysis for biological monitoring in South Korea's occupational health fieldBo-Hwa Choi, Mi-young Lee, Jungmin SungOccupational Safety and Health Research Institute (OSHRI),KOSHA, Ulsan, Republic of Korea |
| 0165 |   | A job exposure matrix from self-reported physical exposures: A method to control bias from symptomsAnn Marie Dale1, Alexis Descatha2, Johann Hviid Andersen3, Skye Buckner-Petty1, Bradley Evanoff11Washington University, St. Louis, Missouri, USA, 2Inserm Versailles St-Quentin University, Inserm, France, 3Herning Regional Hospital, Herning, Denmark |
| 0240 |   | Monitoring of asbestos fiber dispersion from a factory to surrounding residential environmentDongmug Kang1,3, Youngki Kim1,3, Jongeun Kim1,2, Hyunwoo Choi11Dep. Occupational and Environmental Medicine, Pusan National University Yangsan Hospital, Yangsan, Gyeong-Nam, Republic of Korea, 2Environmental Health Center for Asbestos, Pusan National University Yangsan Hospital, Yangsan, Gyeong-Nam, Republic of Korea, 3Preventive, Occupational and Environmental Medicine, Pusan National University, Yangsan, Gyeong-Nam, Republic of Korea |
| 0264 |   | PROBE: Hazardous chemical Products Register for Occupational use in BelgiumLode Godderis1,2, Sara Pauwels1, Anne-Marie Temmerman3,4, Steven Ronsmans2, Antoon De Schryver2,5, Dorina Rusu6,7, Lutgart Braeckman31KU Leuven- University of Leuven, Department of Public Health and Primary Care, Environment and Health, Kapucijnenvoer 35 blok D box 7001, 3000 Leuven, Belgium, 2IDEWE, External Service for Prevention and Protection at Work, Interleuvenlaan 58, 3001 Heverlee, Belgium, 3UGent- Ghent University, Department of Public Health, De Pintelaan 185, 4K3, 9000 Gent, Belgium, 4OCMW Brugge- Public Social Welfare Centre Bruges, Ruddershove 4, 8000 Brugge, Belgium, 5University of Antwerpen, Epidemiology and Social Medicine, Universiteitsplein 1, 2610 Antwerpen, Belgium, 6University of Liège, Department of Public Health, Avenue Hippocrate 13, 4000 Liège, Belgium, 7SPMT-ARISTA, External Service for Prevention and Protection at Work, Rue Royale 196, 1000 Bruxelles, Belgium |
| 0303 |   | Evaluating differences in expert agreement between subgroups to identify where to prioritize use of multiple ratersPamela Dopart1, Hormuzd Katki2, Bu-Tian Ji1, Patricia Stewart1,3, Melissa Friesen11Occupational and Environmental Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda, MD, USA, 2Biostatistics Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda, MD, USA, 3Formerly of the National Cancer Institute; currently Stewart Exposure Assessments, LLC, Arlington, VA, USA |
| 0471 |   | Evaluation of airborne chemical exposures to aluminum workersElizabeth M. Noth1, Sa Liu1, Daniel M. Brown1, Andreas M. Neophytou1, Sadie Costello1, Ellen A. Eisen1, Mark R. Cullen2, S. Katharine Hammond11University of California, Berkeley, Berkeley, CA, USA, 2Stanford University, Palo Alto, CA, USA |
| 0435 |   | Pigeon breeding and the risk of interstitial lung disease, does number of pigeons matter?Christine Cramer1, Vivi Schlünssen2,3, Elisabeth Bendstrup4, Zara Ann Stokholm1, Jesper Medom Vestergaard1, Morten Frydenberg5, Henrik Albert Kolstad11Department of Occupational Medicine, Danish Ramazzini Centre, Aarhus University Hospital, Aarhus, Denmark, 2Department of Public Health, Danish Ramazzini Centre, Aarhus University, Aarhus, Denmark, 3National Research Centre for the Working Environment, Copenhagen, Denmark, 4Department of Respiratory Diseases and Allergy, Aarhus University Hospital, Aarhus, Denmark, 5Section for Biostatistics, Department of Public Health, Aarhus University, Aarhus, Denmark |
| Poster walk 1-3 (Injuries & violence) |
| **13:45-14:30** | **Cromdale** | **Chair: James Ross** |
| 0020 |   | Road traffic collisions risk in professional drivers with diabetes mellitus and receiving treatment- a prospective cohort studyWei-Te Wu1, Su-Shan Tsai2, Hui-Yi Liao1, Wei-Jin Li1, Saou-Hsing Liou11National Institute of Environmental Health Sciences, National Health Research Institutes, Miaoli, Taiwan, 2Graduate Institute of Life Sciences, National Defense Medical Center, Taipei, Taiwan |
| 0044  |   | Injuries in construction sites: A community-based survey in BangladeshMohammed Abul KalamSiam Health Care, Dhaka, Bangladesh |
| 0167 |   | Association between ambient temperature and occupational injuryShih-Chun Pan1, Ching-Chun Huang1,2, Wei-Shan Chin1, Bing-Yu Chen3, Yue-Liang Leon Guo2,31National Taiwan University, Taipei, Taiwan, 2National Taiwan University (NTU) and NTU Hospital, Taipei, Taiwan, 3National Health Research Institutes, Zhunan, Taiwan |
| 0254 |   | Outdoor temperature, air pollutants and occupational injuries risk: a systematic review of epidemiological studies and a case-crossover study.Michela Bonafede1, Patrizia Schifano2, Alessandro Marinaccio1, Federica Asta2, Simona Vecchi2, Marina Davoli2, Paola Michelozzi21Inail - Italian Workers Compensation Authority - Department of Occupational and Environmental Medicine, Epidemiology and Hygiene, Rome, Italy, 2Department of Epidemiology, Lazio Regional Health Service, Rome, Italy |
| 0280 |   | Factors associated with the severity of work injuries in the formal sector in Piracicaba, São Paulo State, BrazilMariana Tavares Guimarães1, Ana Paula Sacone da Silva Ferreira1, Alessandro José Nunes da Silva2, Sandra Renata Duracenko2, Stela Verzinhasse Peres1, Rodolfo Andrade de Gouveia Vilela1, Maria Regina Alves Cardoso11School of Public Health, University of São Paulo, São Paulo, SP, Brazil, 2CEREST Piracicaba, Piracicaba, SP, Brazil |
| 0316 |   | Obstructive sleep apnea syndrome (OSAS) in road traffic accidents of commercial Bus and truck drivers in central IranMehrzad Ebrahemzadih1,2, Gholam Hossein Halvani21Environmental Health Research Center, Kurdistan University of Medical Sciences, Sanandaj, Iran, 2Department of Occupational Health, Shahid Sadoughi University of Medical Sciences, Yazd, Iran |
| 0418 |   | Violence in healthcare: how does it affect return-to-work after work injury?Kelvin Choi, Esther Maas, Mieke Koehoorn, Chris McLeodUniversity of British Columbia, Vancouver, British Columbia, Canada |
| 0146 |   | Epidemiological surveillance of fatal occupational injuriesBengt Järvholm, Johanna Björnstig, Ulf BjörnstigUmeå University, Umeå, Sweden |
| Poster walk 1-4 (Musculoskeletal) |
| **13:45-14:30** | **Cromdale** | **Chair: David Coggon** |
| 0069 |   | Knee disorders, work limitations and work status. First results from the CONSTANCES CohortAlexis Descatha1, Paul Kuijer2, Ann-Marie Dale3, Audrey Petit4, Monique Frings-Dresen2, Bradley A. Evanoff3, Annette Leclerc1, Yves Roquelaure41Inserm UVSQ AP-HP, Villejuif, France, 2Academic Medical Center, Coronel Institute of Occupational Health, Amsterdam, The Netherlands, 3Washington University in St Louis, St-Louis,MO, USA, 4CHU Angers Inserm, Angers, France |
| 0078 |   | The risk for low back pain caused by driving professions in a young adult populationShlomo Moshe1,2, Regina Levin2,3, Aharon S Finestone2,4, Ayala Krakov1,2, Oren Zack2,31Maccabi Healthcare Services, Holon, Israel, 2Tel Aviv University, School of Public Health, Department of Environmental and Occupational Medicine., Tel Aviv, Israel, 3The Israel Defense Forces, Medical Corps, Ramat Gan, Israel, 4Assaf Harofeh Medical Center, Zerifin, Israel |
| 0112 |   | Work environment & health in Denmark – risk factors related to physical work demands for long-term sickness absenceLars L. AndersenNational Research Centre for the Working Environment, Copenhagen, Denmark |
| 0129 |   | Musculoskeletal pain and workstation assessments among office workers in a Public University in Costa RicaAdriana Campos-FumeroCosta Rica Institute of Technology, Cartago, Costa Rica |
| 0149 |   | Pain at other anatomical sites is a major predictor of subsequent sickness absence for low back painDavid Coggon, Georgia NtaniUniversity of Southampton, Southampton, UK |
| 0192 |   | Individual, occupational and clinical predictors of early return-to-work after Carpal Tunnel Syndrome surgery in a cohort of Spanish workers.Sergio Vargas-Prada1,2, Eulalia Boren1, Natalia Martin1, Sara Planas1, David Coggon31Unidad Central de Contingencias Comunes (U3C), Mutua ASEPEYO, Barcelona, Spain, 2Center for Research in Occupational Health (CiSAL), Universitat Pompeu Fabra, Barcelona, Spain, 3University of Southampton, Southampton, UK |
| 0251 |   | A twenty-two year longitudinal study of workers exposed to hand-held vibrating toolsRita Bast-Pettersen, Karl-Christian Nordby, Inger Helene Gudding, Elin Einarsdottir Thornér, Lisa AarhusNational Institute of Occupational Health, Oslo, Norway |
| 0307 |   | Determinants of modified work as part of the return-to-work process for injured workers with musculoskeletal injuries in British Columbia, CanadaMieke Koehoorn, Christopher B McLeod, Lillian Tamburic, Esther MaasUniversity of British Columbia, Vancouver, British Columbia, Canada |
| Climate Change Mini-symposium, including panel discussion |
| **14:30-16:15** | **Pentland** | **Chair: Tord Kjellstrom & David Wegman** |
|   | Panel discussants on "ideas for epidemiological studies and cooperation": Rebecca Lucas, Jonathan Patz, Kristina Jakobsson, Miriam Levi, Neal Pearce, Chuansi Gao, Vidhya Venugopal, Jason Glaser |
| 0412 |   | Climate change impacts on occupational health via workplace heatTord Kjellstrom1, David Wegman2, Lars Nybo3, Andreas Fluoris4, Lucka Kajfez-Bogataj51Center for Technology Research & Innovation Ltd, Limassol, Cyprus, 2University of Massachusetts, Lowell, MA, USA, 3University of Copenhagen, Copenhagen, Denmark, 4University of Thessaly, Trikala, Greece, 5University of Ljubljana, Ljubljana, Slovenia |
| 0242 |   | Measuring and estimating physiological responses to occupational heat exposureRebekah Lucas1, Kristina Jakobsson2, Tord Kjellstrom3, David Wegman41School of Sport, Exercise & Rehabilitation Sciences, University of Birmingham,, Birmingham, UK, 2Section of Occupational and Environmental Medicine, Department of Molecular and Clinical Medicine, Institute of Medicine, Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden, 3Centre for Technology Research and Innovation, Limassol, Cyprus, 4Department of Work Environment, University of Massachusetts, Lowell, USA |
| 0318 |   | Occupational epidemiology research in the new "low-carbon" economy.Jonathan PatzUniversity of Wisconsin, Madison, WI, USA |
| 0158 |   | Work in heat: A challenge for the kidneysKristina Jakobsson1,2, Rebekah Lucas6, Vidhya Venugopal3, Jennifer Crowe4, Camilla Dahlqvist1, Jenny Apelqvist2, Ilana Weiss5, Jason Glaser51Gothenburg University, Gothenburg, Sweden, 2Lund University, Lund, Sweden, 3Sri Ramachandra University, Chennai, India, 4National University of Costa Rica, Heredia, Costa Rica, 5LaIsla Network, Chicago, USA, 6University of Birmingham, Birmingham, UK |
| 0241 |   | Results of a systematic review on the effects of climate change on the health and productivity of workersMiriam Levi, Alberto BaldasseroniCeRIMP - Regional Centre for Occupational Diseases and Injuries, Local Health Unit Tuscany Centre, Florence, Italy |
| CAREX Mini-symposium, including discussion |
| **14:30-16:15** | **Sidlaw** | **Chair: Kurt Straif** |
| 0284 |   | CAREX: An occupational exposure surveillance system overviewCheryl Peters1,2, Manisha Pahwa3, Paul Demers31Carleton University, Ottawa, Canada, 2CAREX Canada, Vancouver, Canada, 3Occupational Cancer Research Centre, Toronto, Canada |
| 0050  |   | Working towards assessing occupational carcinogenic exposures in an African lower and middle income countryCaradee Wright1,3, Johan du Plessis2, Renee Street1, Patricia Forbes3, Hanna-Andrea Rother4, Thandi Kapwata1, Manisha Pahwa5, Paul Demers5, Cheryl Peters6,71South African Medical Research Council, Pretoria, Gauteng, South Africa, 2North-West University, Potchefstroom, North-West, South Africa, 3University of Pretoria, Pretoria, Gauteng, South Africa, 4University of Cape Town, Cape Town, Western Cape, South Africa, 5Cancer Care Ontario, Toronto, Ontario, Canada, 6Carleton University, Ottawa, Ontario, Canada, 7CAREX Canada, Simon Fraser University, British Columbia, Canada |
| 0135 |   | Development of CAREX systems in Latin America and the CaribbeanManisha Pahwa1, Julietta Rodriguez-Guzmán2, Cheryl Peters3,4, Paul Demers1,41Occupational Cancer Research Centre, Cancer Care Ontario, Toronto, Ontario, Canada, 2Pan American Health Organization/World Health Organization, Washington, D.C., USA, 3Department of Health Sciences, Carleton University, Ottawa, Ontario, Canada, 4CAREX Canada, Simon Fraser University, Burnaby, British Columbia, Canada |
| 0452 |   | Uses of CAREX systems for individual countries and international contextsPaul A Demers1,2, Cheryl Peters3,4, Manisha Pahwa1, Jill MacLeod1, Joanne Kim5,11Occupational Cancer Research Centre, Toronto, Ontario, Canada, 2University of Toronto, Toronto, Ontario, Canada, 3Carleton University, Ottawa, Ontario, Canada, 4CAREX Canada, Simon Fraser University, Vancouver, BC, Canada, 5McGill University, Montreal, Quebec, Canada |
| Methodology, followed by discussion |
| **14:30-16:15** | **Fintry** | **Chair: David Richardson & Anthony Seaton** |
| 013414:30-14:45 |   | What to expect from your expectedDavid RichardsonUniversity of North Carolina, Chapel Hill, NC, USA |
| 019014:45-15:00 |   | Occupational exposure to crystalline silica and death from lung cancer: g-estimation of structural accelerated failure time modelsSally Picciotto1, Daniel M. Brown1, Andreas M. Neophytou1, Lisa E. Gallagher3, Ellen E. Eisen1, Harvey Checkoway2, Sadie Costello11UC Berkeley, Berkeley, California, USA, 2UC San Diego, La Jolla, California, USA, 3Boston University, Boston, Massachusetts, USA |
| 013715:00-15:15 |   | Exposure-lag-response in occupational epidemiology: application of distributed non-linear lag models in a cohort of diatomaceous earth workers exposed to crystalline silica.Andreas Neophytou1, Sally Picciotto1, Daniel Brown1, Ellen Eisen1, Harvey Checkoway2, Sadie Costello11Division of Environmental Health Sciences, School of Public Health, University of California, Berkeley, Berkeley, CA, USA, 2Department of Family & Preventive Medicine, University of California, San Diego, San Diego, CA, USA |
| 036815:15-15:30 |   | Improving incidence rates of work-related ill-health calculated from general practiceLouise Hussey, Matthew Gittins, Roseanne McNamee, Raymond AgiusThe University of Manchester, Manchester, UK |
| 045915:30-15:45 |   | Productivity estimation in economic evaluations of occupational health and safety interventions: a systematic reviewJonas Steel1, Lode Godderis2, Jeroen Luyten1,31Leuven Institute for Healthcare Policy, KULeuven, Leuven, Belgium, 2Environment and Health, KULeuven, Leuven, Belgium, 3Department of Social Policy, London School of Economics & Political Science, Leuven, Belgium |
| 016315:45-16:00 |   | Comparison of risk estimates from Cox proportional hazards and Poisson modeling for association of occupational titanium dioxide exposure and selected causes of deathAshley Golden1, Elizabeth Ellis1, Hien Le21Oak Ridge Associated Universities, Oak Ridge, Tennessee, USA, 2The Chemours Company, Wilmington, Delaware, USA |
| Shift Work & Disease 2, followed by discussion |
| **14:30-16:15** | **Moorfoot** | **Chair: Marie-Elise Parent & Amy Hall** |
| 020714:30-14:45 |   | Hypertensive disorders of pregnancy among night workers in Danish hospitals: a national register-based cohort studyPaula E C Hammer1, Esben M Flachs1, Ina O Specht2, Anja B Pinborg3, Sesilje B Petersen1, Ann D Larsen4, Karin S Hougaard4, Johnni Hansen5, Åse M Hansen4,6, Henrik A Kolstad7, Anne H Garde4,6, Jens P Bonde1,61Bispebjerg University Hospital - Department of Occupational and Environmental Medicine, Copenhagen, Denmark, 2Parker Institute, Bispebjerg and Frederiksberg University Hospital, Copenhagen, Denmark, 3Hvidovre University Hospital - Department of Obstetrics and Gynecology, Copenhagen, Denmark, 4National Research Centre for the Working Environment, Copenhagen, Denmark, 5The Danish Cancer Society - Research Unit of Diet, Genes and Environment, Copenhagen, Denmark, 6University of Copenhagen - Department of Public Health, Copenhagen, Denmark, 7Aarhus University Hospital - Department of Occupational Medicine, Danish Ramazzini Centre, Aarhus, Denmark |
| 041514:45-15:00 |   | Working Around the Clock: An Exposure Response Relationship between Night Work and Incident HypertensionJacqueline Ferguson1, Sadie Costello1, Mark Cullen2, Ellen Eisen11University of California, Berkeley, Berkeley, California, USA, 2Stanford University, Stanford, California, USA |
| 039115:00-15:15 |   | Are women doing shift work in paper mills at increased risk for myocardial infarction?Eva Andersson1, Helena Eriksson1, Marianne Andersson1, Ing-Liss Bryngelsson2, Kjell Torén1, Richard Neitzel31Occupational and Environmental Medicine, Sahlgrenska University Hospital, Göteborg, Sweden, 2Occupational and Environmental Medicine, Örebro University Hospital, Örebro, Sweden, 3Environmental Health Sciences, University of Michigan, Ann Arbor, Michigan, USA |
| 010815:15-15:30 |   | Shift work and sleep-related problems: A nationwide survey in TaiwanWei An Lin1,2, Wei Shan Chin2,3, Chih Yong Chen4, Li Wen Liu4, Yi Tsong Pan4, Po Ching Chu1,2, Yue Leon Guo1,31Department of Environmental and Occupational Medicine, National Taiwan University (NTU) College of Medicine and NTU Hospital, Taipei, Taiwan, 2Institue of Occupational Medicine and Industrial Hygiene, NTU School of Public Health, Taipei, Taiwan, 3National Institute of Environmental Health Sciences, National Health Research Institutes, Zhunan, Taiwan, 4Institute of Labor, Occupational Safety and Health, Ministry of Labor, New Taipei City, Taiwan |
| 024715:30-15:45 |   | Shift work and incidence of cardiovascular diseases in the Danish Nurse CohortJeanette Therming Jørgensen1, Rikke Horn1, Leslie Stayner2,3, Johnni Hansen4, Zorana Jovanovic Andersen11University of Copenhagen, Copenhagen, Denmark, 2University of Illinois at Chicago School of Public Health, Chicago, IL, USA, 3University of Southern Denmark, Odense, Denmark, 4Danish Cancer Society, Copenhagen, Denmark |
| 013615:45-16:00 |   | Breast cancer risk associated with night shift work: What are the meta-analyses telling us?Manisha Pahwa1, France Labrèche2,3, Paul Demers1,41Occupational Cancer Research Centre, Cancer Care Ontario, Toronto, Ontario, Canada, 2Institut de recherche Robert-Sauvé en santé et en sécurité du travail, Montréal, Québec, Canada, 3School of Public Health, Université de Montréal, Montréal, Québec, Canada, 4Dalla Lana School of Public Health, University of Toronto, Toronto, Ontario, Canada |
| Cardiovascular Disease, followed by discussion |
| **14:30-16:15** | **Tinto** | **Chair: Jenni Ervasti & Laura Bogaert** |
| 012214:30-14:45 |   | Permanent work disability before and after ischemic heart disease or stroke event: A nationwide population-based cohort study in SwedenJenni Ervasti1, Marianna Virtanen1, Tea Lallukka1,2, Emilie Friberg3, Linnea Kjeldgård3, Ellenor Mittendorfer-Rutz3, Erik Lundström3, Kristina Alexanderson31Finnish Institute of Occupational Health, Helsinki, Finland, 2University of Helsinki, Helsinki, Finland, 3Karolinska Institutet, Stockholm, Sweden |
| 027114:45-15:00 |   | Adverse effects on specific markers of cardiovascular risk among workers exposed to multi-walled carbon nanotubes.Eelco Kuijpers1,2, Anjoeka Pronk2, Robert Kleemann3, Jelle Vlaanderen1, Nathaniel Rothman4, Debra Silverman4, Qing Lan4, Peter Hoet5, Lode Godderis5,6, Roel Vermeulen11Division of Environmental Epidemiology, Institute for Risk Assessment Sciences, Utrecht, The Netherlands, 2TNO RAPID, Zeist, The Netherlands, 3TNO MHR, Leiden, The Netherlands, 4Occupational and Environmental Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda MD, USA, 5Katholieke Universiteit Leuven – Centre for Environment and Health, Leuven, Belgium, 6IDEWE, External Service for Prevention and Protection at Work, Heverlee, Belgium |
| 038615:00-15:15 |   | Occupational noise exposure and ambulatory blood pressure: the exposure response relation with acute and lagged exposureZara Ann Stokholm1, Kent Lodberg Christensen2, Thomas W. Frederiksen1, Jesper M. Vestergaard1, Åse Marie Hansen3,5, Jens Peter Bonde4, Jesper Kristiansen5, Søren Peter Lund5, Henrik A. Kolstad11Department of Occupational Medicine, Danish Ramazzini Centre, Aarhus University Hospital, Aarhus, Denmark, 2Department of Internal Medicine and Cardiology A, Aarhus University Hospital, Aarhus, Denmark, 3Faculty of Health, University of Copenhagen, Copenhagen, Denmark, 4Department of Occupational and Environmental Medicine, Bispebjerg Hospital, Copenhagen, Denmark, 5National Research Centre for the Working Environment, Copenhagen, Denmark |
| 027215:15-15:30 |   | Finding a space for health within the context of ‘occupational risk’ and farm policy: Ireland’s ‘Farmers Have Hearts’ workplace cardiovascular screening programme.Diana van Doorn1, Noel Richardson1, Aoife Osborne21Institute of Technology Carlow, Carlow, Ireland, 2University College Dublin, Dublin, Ireland |
| 023715:30-15:45 |   | The relationship between heart rate variability and 5-year risk of cardiovascular disease: evidence from the Taiwan Bus Driver Cohort StudyYing-Chuan Wang1, Wei-Te Wu2, Chung-Ching Wang1, Sheng-Ta Chiang1, Saou-Hsing Liou1,31Division of Family Medicine, Department of Family and Community Medicine, Tri-Service General Hospital, National Defense Medical Center,, Taipei, Taiwan, 2National Institute of Environmental Health Sciences, National Health Research Institutes,, Miaoli, Taiwan, 3Department of Public Health, National Defense Medical Center,, Taipei, Taiwan |
| 015915:45-16:00 |   | Relation between work-related silica exposure in foundries and cardiovascular diseasesChenjing Fan, Ing-Liss Bryngelsson, Pål Graff, Per Vihlborg, Lena AnderssonDepartment of Occupational and Environmental Medicine, Örebro University Hospital, Örebro, Sweden |
| Respiratory Disease, followed by discussion |
| **14:30-16:15** | **Kilsyth** | **Chair: Kate Venables & Rebecca DeVries** |
| 002414:30-14:45 |   | The occupations at increased risk of COPD in the UK Biobank CohortSara De Matteis1, Deborah Jarvis1, Andrew Darnton2, David Fishwick2, Lesley Rushton1, Paul Cullinan11Imperial College London, London, UK, 2Health and Safety Executive, Bootle, UK |
| 013314:45-15:00 |   | Environmental and occupational triggers of COPD symptoms: A case crossover studySusan Sama1,2, Rebecca DeVries1, David Kriebel1, Rebecca Gore1, Richard Rosiello21University of Massachusetts Lowell, Lowell, MA, USA, 2Reliant Medical Group, Worcester, MA, USA |
| 041315:00-15:15 |   | Short-term and sub-chronic effects of traffic-related black carbon on small airway obstruction in Metro Manila traffic enforcersEmmanuel S. Baja1,2, Godofreda V. Dalmacion1,3, Antonio D. Ligsay6, Nover Edward P. Duarte4, Melvin A. Pasay51Institute of Clinical Epidemiology, National Institutes of Health, University of the Philippines-Manila, Manila, The Philippines, 2Department of Clinical Epidemiology, College of Medicine, University of the Philippines-Manila, Manila, The Philippines, 3Department of Pharmacology and Toxicology, College of Medicine, University of the Philippines-Manila, Manila, The Philippines, 4Microbiology Section, Department of Laboratories, University of the Philippines-Philippine General Hospital,, Manila, The Philippines, 5St. Luke's Medical Center, Quezon City, The Philippines, 6Clinical Research Section, St. Luke’s College of Medicine, Quezon City, The Philippines |
| 019915:15-15:30 |   | Occupational and environmental risk factors for chronic fibrosing idiopathic interstitial pneumonia in South KoreaSe Yeong Kim1, Dong Mug Kang21Korea worker's health center, Pusan National University School of Medicine., Busan, Republic of Korea, 2Occupational and Environmental Medicine, Pusan National University Yangsan Hospital, Busan, Republic of Korea |
| 013015:30-15:45 |   | Incidence of work-related respiratory ill health attributed to cleaning agents: occupational and chemical determinants.Melanie Carder, Martin Seed, Raymond AgiusCentre of Occupational and Environmental Health, University of Manchester, Manchester, UK |
| 036915:45-16:00 |   | Tobacco in prisons study (tips)- exposure of prison staff in Scotland to second-hand smokeSean Semple1, Evangelia Demou2, Helen Sweeting2, Greig Logan2, Rachel O'Donnell1, Kate Hunt2, on behalf of the TIPS research team21Institute of Applied Health Sciences, University of Aberdeen, Aberdeen, UK, 2MRC/CSO Social and Public Health Sciences Unit, University of Glasgow, Glasgow, UK |
| Coffee |
| **16:15-16:45** | **Cromdale** |   |
| SYNERGY Mini-Symposium, including discussion |
| **16:45-18:15** | **Pentland** | **Chair: Hans Kromhout & Kurt Straif** |
| 0090 |   | The SYNERGY projectKurt Straif1, Ann Olsson1,2, on behalf of the SYNERGY study group11International Agency for Research on Cancer, Lyon, France, 2Karolinska Institutet, Stockholm, Sweden |
| 0219 |   | The SYNERGY exposure assessment strategySusan Peters1,2, Roel Vermeulen1, Lutzen Portengen1, Hans Kromhout1, on behalf of The SYNERGY Study Group11Utrecht University, Utrecht, The Netherlands, 2University Medical Centre Utrecht, Utrecht, The Netherlands |
| 0475 |   | Occupational exposure to respirable crystalline silica and lung cancer risk in the SYNERGY projectRoel Vermeulen1, Ann Olsson2, Susan Peters1, Lutzen Portengen1, Hans Kromhout1, Kurt Straif21Utrecht University, Utrecht, The Netherlands, 2IARC, Lyon, France |
| 0482 |   | Exposure to Hexavalent Chromium and Nickel and Lung Cancer Risk: a Pooled Analysis of Case-Control Studies from Europe and CanadaThomas Behrens1, Beate Pesch1, Roel Vermeulen2, Ann Olsson3, Joachin Schüz3, Lützen Portengen2, Benjamin Kendzia1, Hans Kromhout2, Kurt Straif3, Thomas Brüning1, on behalf of The SYNERGY Study Group11Institute for Prevention and Occupational Medicine of the German Social Accident Insurance (IPA), Institute of the Ruhr-Universität, Bochum, Germany, 2Institute for Risk Assessment Sciences, Utrecht University, Utrecht, The Netherlands, 3International Agency for Research on Cancer (IARC), Lyon, France |
| 0372 |   | Occupational exposure to PAH and lung cancer risk in the SYNERGY projectNeela Guha1, Ann Olsson1, Roel Vermeulen2, Hans Kromhout2, Lutzen Portengen2, Kurt Straif1, on behalf of The SYNERGY Study Group11IARC, Lyon, France, 2Utrecht University, Utrecht, The Netherlands |
| 0454 |   | Multiplicative two-way interactions between occupational lung carcinogens in the SYNERGY ProjectJelle Vlaanderen1, Ann Olsson2, Hans Kromhout1, Lützen Portengen1, Kurt Straif2, Roel Vermeulen1, On behalf of the SYNERGY study group31Utrecht University, Utrecht, The Netherlands, 2International Agency for Research on Cancer, Lyon, France |
| Risk Assessment, followed by discussion |
| **16:45-18:15** | **Sidlaw** | **Chair: David Richardson & Tord Kjellstrom** |
| 013816:45-17:00 |   | Pooled uranium miners analysis: Goals and challengesDavid Richardson1, Michaela Kreuzer2, Nora Fenske2, Christina Sobotzki2, Minh Do3, Paul Demers3, Dominique Laurier4, Estelle Rage4, Mary Schubauer-Berigan5, Ladislav Tomasek6, Jon Samet7, Lydia Zablotska81University of North Carolina, Chapel Hill, NC, USA, 2Federal Office for Radiation Protection, Neuherberg, Germany, 3Cancer Care Ontario, Toronto, Canada, 4Institute for Radiation Protection and Nuclear Safety, Fontenay-aux-Roses, France, 5National Institute for Occupational Safety and Health, Cincinnati, OH, USA, 6Radiation Protection Institute, Prague, Czech Republic, 7University of Southern California, Los Angeles, CA, USA, 8University of California, San Francisco, San Francisco, CA, USA |
| 042517:00-17:15 |   | An occupational epidemiology model for climate change impact assessmentTord Kjellstrom1,2, Matthias Otto3, Bruno Lemke3, Chris Freyberg4, David Briggs5, Lauren Lines61Centre for Technology Research and Innovation, Limassol, Cyprus, 2Australian National University, Canberra, Australia, 3Nelson-Marlborough Institute of Technology, Nelson, New Zealand, 4Massey University, Palmerston North, New Zealand, 5Imperial College, London, UK, 6Canterbury University, Christchurch, New Zealand |
| 0046 17:15-17:30 |   | Mortality study of a cohort of chemical workers producing perfluorinated derivatives and other chemicals.Paolo Girardi1,2, Enzo Merler31Venetian Mesothelioma Registry, Occupational Health Unit, Padua, Italy, 2SER Epidemiological Department, Veneto Region, Venice, Italy, 3Promotion and Development of Hygiene and Public Health, Veneto Region, Venice, Italy |
| 026317:30-17:45 |   | Determinants of occupational diseases in The Netherlands: Risks at the individual and the population levelRomy Steenbeek, Liza van Dam, Ernest de VroomeThe Netherlands Organization for Applied Scientific Research (TNO), Leiden, The Netherlands |
| 006517:45-18:00 |   | Sleep quality among health sciences students living in dormitoryAlireza Dehdashti, Mahshid Bahrami, Meysam KaramiSemnan University of Medical Sciences, Semnan, Iran |
| Ageing Workforce, followed by discussion |
| **16:45-18:15** | **Fintry** | **Chair: David Kriebel & Joanne Crawford** |
| 0047 16:45-17:00 |   | Poor health, lifestyle, work-related factors and premature loss of employment in older workers - results from the Health and Employment After Fifty (HEAF) studyStefania D'Angelo, Holly Syddall, Georgia Ntani, E Clare Harris, Cathy Linaker, Martin Stevens, Karen Walker-Bone, Keith T PalmerMRC Lifecourse Epidemiology Unit, University of Southampton, Southampton, UK, Southampton, UK |
| 0032 17:00-17:15 |   | Physical capacity in midlife and labor market attachment among older workers: prospective cohort study with register follow-upEmil Sundstrup1, Åse Marie Hansen1,2, Erik Lykke Mortensen2,4, Otto Poulsen1, Thomas Clausen1, Reiner Rugulies1,2, Anne Møller3, Lars Andersen11National Research Centre for the Working Environment, Copenhagen, Denmark, 2Department of Public Health, University of Copenhagen, Copenhagen, Denmark, 3Department of Psychology, University of Copenhagen, Copenhagen, Denmark, 4Center for Healthy Aging, University of Copenhagen, Copenhagen, Denmark |
| 026717:15-17:30 |   | Socioeconomic inequalities in unemployment as a predictor of disability retirement: a retrospective case-control studyMikko Laaksonen1, Jenni Blomgren21The Finnish Centre for Pensions, Helsinki, Finland, 2The Social Insurance Institution of Finland, Helsinki, Finland |
| 008917:30-17:45 |   | Predicting working beyond retirement in the Netherlands: an interdisciplinary approach involving occupational epidemiology and economicsCécile Boot1, Micky Scharn1, Astrid de Wind1, Goedele Geuskens3, Martijn Huisman1,2, Maarten Lindeboom1, Allard Van der Beek11VU University Medical Center, Amsterdam Public Health research institute, Amsterdam, The Netherlands, 2VU University, Amsterdam, The Netherlands, 3TNO, Leiden, The Netherlands |
| 033617:45-18:00 |   | Impact of job group on risk of retirement in Denmark 1980-2012Esben Meulengracht Flachs Flachs1, Johnni Hansen2, Esben Budtz Jørgensen3, Henrik Albert Kolstad4, Sesilje Elise Bondo Petersen1, Vivi Schlünssen5, Susanne Wulff Svendsen6, Jens Peter Ellekilde Bonde11Department of Occupational and Environmental Medicine, Bispebjerg University Hospital, Copenhagen, Denmark, 2The Danish Cancer Society, Copenhagen, Denmark, 3Department of Biostatistics, Copenhagen University, Copenhagen, Denmark, 4Department of Occupational Medicine, Aarhus University Hospital, Aarhus, Denmark, 5The Danish National Research Centre for the Working Environment, Copenhagen, Denmark, 6Department of Occupational Medicine, Herning Hospital, Herning, Denmark |
| Burden of Disease, followed by discussion |
| **16:45-18:15** | **Moorfoot** | **Chair: Lesley Rushton & Sandra Cavalcante** |
| 037916:45-17:00 |   | Calculating the current burden of occupational cancers in Canadian womenFrance Labrèche1,2, Chaojie Song3, Manisha Pahwa3, Cheryl E Peters4,5, Victoria H Arrandale3,6, Chris B McLeod7,10, Hugh W Davies7,5, Jérôme Lavoué2,8, Joanne Kim3,9, Paul A Demers3,61Institut de recherche Robert-Sauvé en santé et en sécurité du travail, Montreal, QC, Canada, 2School of Public Health, Université de Montréal, Montreal, QC, Canada, 3Occupational Cancer Research Centre, Cancer Care Ontario, Toronto, ON, Canada, 4Department of Health Sciences, Carleton University, Ottawa, ON, Canada, 5CAREX Canada, Simon Fraser University, Vancouver, BC, Canada, 6Dalla Lana School of Public Health, University of Toronto, Toronto, ON, Canada, 7School of Population and Public Health, University of British Columbia, Vancouver, BC, Canada, 8Centre de recherche du Centre hospitalier de l’Université de Montréal, Montreal, QC, Canada, 9Department of Epidemiology and Biostatistics, McGill University, Montreal, QC, Canada, 10Institute for Work & Health, Totonto, ON, Canada |
| 005917:00-17:15 |   | A global perspective on coal-fired power plants and lung cancer mortalityChengKuan Lin, David Christiani, Ro-Ting LinDepartment of Environmental Health, Harvard Chan School of Public Health, Boston, USA |
| 047017:15-17:30 |   | Comparison of occupational cancer burden estimatesJoanne Kim1,2, France Labrèche3,4, Cheryl E Peters5,6, Hugh Davies6,7, Chris McLeod7, Jérôme Lavoué4,8, Victoria H Arrandale2,9, Manisha Pahwa2, Paul A Demers2,91Department of Epidemiology and Biostatistics, McGill University, Montréal, Canada, 2Occupational Cancer Research Centre, Toronto, Canada, 3Institut de recherche Robert-Sauvé en santé et en sécurité du travail, Montréal, Canada, 4School of Public Health, Université de Montréal, Montréal, Canada, 5Department of Health Sciences, Carleton University, Ottawa, Canada, 6CAREX Canada, Simon Fraser University, Vancouver, Canada, 7School of Population and Public Health, University of British Columbia, Vancouver, Canada, 8Centre de recherche du Centre hospitalier de l’Université de Montréal, Montréal, Canada, 9Dalla Lana School of Public Health, University of Toronto, Toronto, Canada |
| 028217:30-17:45 |   | Quantifying the impact of shift work on breast cancer: results from the burden of occupational cancer in Canada studyManisha Pahwa1, France Labrèche2,3, Joanne Kim1,4, Anne Harris1,5, Chaojie Song1, Paul Demers1,61Occupational Cancer Research Centre, Cancer Care Ontario, Toronto, Ontario, Canada, 2Institut de recherche Robert-Sauvé en santé et en Sécurité du travail, Montréal, Québec, Canada, 3School of Public Health, Université de Montréal, Montréal, Québec, Canada, 4Department of Epidemiology, Biostatistics and Occupational Health, McGill University, Montréal, Québec, Canada, 5School of Occupational and Public Health, Ryerson University, Toronto, Ontario, Canada, 6Dalla Lana School of Public Health, University of Toronto, Toronto, Ontario, Canada |
| 036617:45-18:00 |   | Comparing alternative methods of estimating future disease burden due to occupationSally Hutchings1, Lesley Rushton1, Martie van Tongeren2, Damien McElvenny31Imperial College London, Department of Epidemiology and Biostatistics, London, UK, 2University of Manchester, Manchester, UK, 3Institute of Occupational Medicine, Edinburgh, UK |
| Chemicals, followed by discussion |
| **16:45-18:15** | **Tinto** | **Chair: Kristina Jakobsson & Raymond Agius** |
| 023216:45-17:00 |   | Occupational formaldehyde exposure and risk of cancer at selected sites - A case-control analysis  nested in a formaldehyde exposed cohort in Finland and SwedenKristina Kjaerheim1, Jan Ivar Martinsen1, Eero Pukkala2,3, Madar Talibov3, Elisabete Weiderpass1,4, Tom K. Grimsrud11Cancer Registry of Norway, Oslo, Norway, 2Finnish Cancer Registry, Helsinki, Finland, 3School of Health Sciences, University of Tampere, Tampere, Finland, 4Karolinska Institute, Stockholm, Sweden |
| 032817:00-17:15 |   | Extended mortality follow-up of a cohort of workers exposed to acrylonitrileStella Koutros1, Aaron Blair1, Barry Graubard1, Jay Lubin1, Patricia Stewart2, Laura E. Beane Freeman1, Debra T Silverman11US National Cancer Institute, Bethesda, MD, USA, 2Stewart Exposure Assessments, LLC, Arlington, VA, USA |
| 017617:15-17:30 |   | Sinonasal cancer following occupational styrene exposure: a new signal of human carcinogenesis?Mette Schou Nissen1,2, Zara Ann Stokholm1, Mette Skovgaard Christensen1, Vivi Schlünssen3,4, Jesper Medom Vestergaard1, Inge Brosbøl Iversen1, Henrik Albert Kolstad11Department of Occupational Medicine, Danish Ramazzini Centre, Aarhus University Hospital, Aarhus, Denmark, 2Centre for Integrated Register-based Research, CIRRAU, Aarhus University, Aarhus, Denmark, 3Department of Public Health, Danish Ramazzini Centre, Aarhus University, Aarhus, Denmark, 4National Research Centre for the Working Environment, Copenhagen, Denmark |
| 015217:30-17:45 |   | Cancer mortality of DMF exposed workers in KoreaYeon-Soon Ahn1, Jin-Ha Yoon11Dongguk University Ilsan Hospital, Goyang, Republic of Korea, 2Yeonsei College of Medicine, Seoul, Republic of Korea |
| 029017:45-18:00 |   | Investigating the reproducibility of metabolomics profiles of Washington State metal workersMarissa Baker, Christopher Simpson, Yvonne Lin, Noah SeixasUniversity of Washington, Seattle, WA, USA |
| Prostate Cancer, followed by discussion |
| **16:45-18:15** | **Kilsyth** | **Chair: Marie-Elise Parent & Will Mueller** |
| 033916:45-17:00 |   | Occupation and risk of prostate cancer in a national population-based cohort study: the Canadian Census Health and Environment CohortJeavana Sritharan1,2, Jill MacLeod1, Shelley Harris1,3, Donald Cole3, Anne Harris1,4, Michael Tjepkema5, Paul Peters6, Paul Demers1,31Occupational Cancer Research Centre, Cancer Care Ontario, Toronto, Ontario, Canada, 2Institute of Medical Science, University of Toronto, Toronto, Ontario, Canada, 3Dalla Lana School of Public Health, University of Toronto, Toronto, Ontario, Canada, 4School of Occupational and Public Health, Ryerson University, Toronto, Ontario, Canada, 5Health Analysis Division, Statistics Canada, Ottawa, Ontario, Canada, 6Department of Sociology and Economics, University of New Brunswick, Fredericton, New Brunswick, Canada |
| 040017:00-17:15 |   | Occupational and Environmental Risk Factors for Prostate Cancer in Hong KongLap Ah Tse1, Priscilla Ming Yi Lee1, Wing Ming Ho2, Augustine Tsan Lam7, Man Kei Lee Lee7, Simon Siu Man Ng3, Yonghua He8, Ka-sing Leung4, Jennifer C. Hartle5, Feng Wang1, Chi Fai Ng61Division of Occupational and Environmental Health, JC School of Public Health and Primary Care, The Chinese University of Hong Kong, Shatin, Hong Kong, 2Department of Clinical Oncology, Prince of Wales Hospital, Hong Kong SAR, China 3 Family Medicine Training Centre, Prince of Wales Hospital, Shtin, Hong Kong, 3Department of Surgery, Prince of Wales Hospital, Hong Kong SAR, China 5 Guilin Medical College, Shatin, Hong Kong, 4Department of Applied Biology and Chemical Technology, Hong Kong Polytechnic University, Kowlong, Hong Kong, 5Department of Health Science and Recreation, San Jose State University, USA, 6SH Ho Urology Centre, Department of Surgery, The Chinese University of Hong Kong, Shtin, Hong Kong, 7Family Medicine Training Centre, Prince of Wales Hospital, Shatin, Hong Kong, 8Guilin Medical College, Guilin, China |
| 032217:15-17:30 |   | Cancer incidence in firefighters in Sweden - preliminary findings from an updated cohort studyCecilia Kullberg1, Tomas Andersson1, Per Gustavsson1, Jenny Selander1, Göran Tornling2, Annika Gustavsson1, Carolina Bigert11Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden, 2Respiratory Medicine Unit, Department of Medicine Solna and CMM, Karolinska Institutet and Karolinska University Hospital Solna, Stockholm, Sweden |
| 032317:30-17:45 |   | Occupational exposure to benzene, toluene, xylene and styrene, and risk of prostate cancerAudrey Blanc-Lapierre, Mounia Senhaji Rhazi, Hugues Richard, Marie-Élise ParentINRS - Institut Armand-Frappier, Laval, Quebec, Canada |
| 036417:45-18:00 |   | Risk of prostate cancer in firefighters: A meta-analysisJeavana Sritharan1,2, Manisha Pahwa1, Paul Demers1,3, Shelley Harris1,3, Donald Cole3, Marie-Elise Parent41Occupational Cancer Research Centre, Cancer Care Ontario, Toronto, Ontario, Canada, 2Institute of Medical Science, University of Toronto, Toronto, Ontario, Canada, 3Dalla Lana School of Public Health, University of Toronto, Toronto, Ontario, Canada, 4INRS-Institut Armand Frappier, University of Quebec, Laval, Quebec, Canada |
| Whisky & Gin Tasting (Pre-paid tickets required - see EPICOH website) |
| **18:15-19:30** | **Ochil** |   |
| Early Career Researchers - Social - Drinks |
| **21:00-22:00** | **The Devil’s Advocate pub (on Advocate’s Close)** |   |

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| Wednesday 30th August 2017 |
| Conference Registration |
| **07:30-18:00** | **Strathblane Hall** |   |
| Early Career Researchers - Breakfast Talk - Successful Bid Writing |
| **07:45-08:45** | **Moorfoot** |   |
|   | Anthony Newman Taylor & David Coggon |
| Early Career Researchers - Breakfast Talk - Career paths for epidemiology in Occupational Health |
| **07:45-08:45** | **Tinto** |   |
|   | Laura Beane Freeman, Mei Yong, Tim Driscoll, Karen Walker-Bone, Alex Tharmaraj, David Alvarez Rincon |
| Plenary 3 |
| **08:45-10:15** | **Pentland** | **Chair: Neil Pearce & Javier Vila** |
| 050308:45-09:30 |   | INVITED KEYNOTE: Occupational cancer the 21st centuryManolis KogevinasIS Global, Barcelona, Spain |
| 006009:30-10:15 |   | INVITED KEYNOTE: Benzene, lymphohematopoietic cancer and the petroleum industryDeborah GlassMonash University, Melbourne, Vic, Australia |
| Coffee |
| **10:15-10:45** | **Cromdale** |   |
| SCOM/Modernet 1 |
| **10:45-12:30** | **Pentland** | **Chair: Tim Driscoll & Lode Godderis** |
|   | Welcome to SCOM/Modernet |
| 0500 10:45-11:30 |   | INVITED KEYNOTE: Who would have thought it? The unforeseen problems of disruptive technologies.Anthony Seaton1,21University of Aberdeen, Aberdeen, UK, 2Institute of Occupational Medicine, Edinburgh, UK |
| 017111:30-11:45 |   | Sedentary work and risk of venous thromboembolismCamilla Ditlev Lindhardt Johannesen1, Esben Meulengracht Flachs1, Niels E Ebbehøj1, Jacob Louis Marott2, Gorm Boje Jensen2, Børge G Nordestgaard3,4, Peter Schnohr2, Jens Peter E Bonde1,41Department of Occupational and Environmental Medicine, Bispebjerg Hospital, Copenhagen, Denmark, 2Copenhagen City Heart Study, Frederiksberg Hospital, Copenhagen, Denmark, 3Department of Clinical Biochemistry and the Copenhagen General Population Study, Herlev and Gentofte Hospital, Copenhagen, Denmark, 4Faculty of Health and Medical Sciences, University of Copenhagen, Copenhagen, Denmark |
| 042911:45-12:00 |   | Daytime workplace noise exposures lower than occupational criteria can disturb nighttime sleepLeon Guo1,2, Cheng-Yu Lin3,4, Perng-Jy Tsai1,5, Kuei-Yi Lin6, Chih-Yong Chen6, Lin-Hui Chung6, Jiunn-Liang Wu31National Institute of Environmental Health Sciences, National Health Research Institutes, Zhunan, Taiwan, 2Environmental and Occupational Medicine, National Taiwan University (NTU) and NTU Hospital, Taipei, Taiwan, 3Otolaryngology, National Cheng Kung University (NCKU) College of Medicine and NCKU Hospital, Tainan, Taiwan, 4Otolaryngology, Ministry of Health and Welfare Tainan Hospital, Tainan, Taiwan, 5Environmental and Occupational Health, National Cheng Kung University College of Medicine, Tainan, Taiwan, 6Institute of Labor, Occupational Safety and Health, Ministry of Labor, Executive Yuan, New Taipei City, Taiwan |
| 014212:00-12:15 |   | Longer term physical health and wellbeing in Australian Gulf War veterans, 20 years after deploymentHelen Kelsall, Jillian Ikin, Stella Gwini, Andrew Forbes, Malcolm SimSchool of Public Health and Preventive Medicine, Monash University, Melbourne, Victoria, Australia |
| 012412:15-12:30 |   | Mortality patterns by occupation in Belgium: A census-linked mortality study (1991-2011)Laura Van den Borre1,2, Patrick Deboosere11Vrije Universiteit Brussel (VUB), Interface Demography, Brussels, Belgium, 2Research Foundation Flanders (FWO), Brussels, Belgium |
| Hardmetal Workers Mini-symposium, including discussion |
| **10:45-12:30** | **Sidlaw** | **Chair: Per Gustavsson & Pascal Wild** |
| 0302 |   | Mortality among hardmetal production workers: A retrospective cohort study in the Austrian hard metal industryPeter Wallner1, Michael Kundi1, Hanns Moshammer1, Hans-Peter Hutter1, Sarah Zimmerman2, Jeanine Buchanich2, Gary Marsh21Medical University of Vienna, Institute of Environmental Health, Vienna, Austria, 2Center for Occupational Biostatistics and Epidemiology, Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pennsylvania, USA |
| 0299 |   | Mortality among hardmetal production workers: German historical cohort studyMei Yong1, Peter Morfeld1,2, Juliane Valerie Grob2, Thomas C. Erren2, Kathleen Kennedy3, Nurtan Esmen3, Sarah Zimmerman4, Jeanine Buchanich4, Gary Marsh41Institute for Occupational Epidemiology and Risk Assessment of Evonik Industries AG, Essen, Germany, 2Institute and Policlinic for Occupational Medicine, Environmental Medicine and Prevention Research of Cologne University Hospital, Cologne, Germany, 3Division of Environmental and Occupational Health Sciences, School of Public Health, University of Illinois at Chicago, Chicago, Illinois, USA, 4Center for Occupational Biostatistics and Epidemiology, Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pennsylvania, USA |
| 0298 |   | Mortality among hardmetal production workers: The Swedish cohortHakan Westberg1, Ing-Liss Bryngelsson1, Gary Marsh2, Jeanine Buchanich2, Sarah Zimmerman2, Kathleen Kennedy3, Nurtan Esmen3, Magnus Svartengren41Department of Occupational and Environmental Medicine, Orebro University, Orebro, Sweden, 2Center for Occupational Biostatistics and Epidemiology, Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pennsylvania, USA, 3Division of Environmental and Occupational Health Sciences, School of Public Health, University of Illinois at Chicago, Chicago, Illinois, USA, 4Department of Medical Science, Occupational and Environmental Medicine, Uppsala University, Uppsala, Sweden |
| 0301 |   | Mortality among hardmetal production workers: Occupational exposuresKathleen Kennedy1, Nurtan Esmen1, Jeanine Buchanich2, Sarah Zimmerman2, Anne Sleeuwenhoek3, Gary Marsh2, John Cherrie31Division of Environmental and Occupational Health Sciences, School of Public Health, University of Illinois at Chicago, Chicago, Illinois, USA, 2Center for Occupational Biostatistics and Epidemiology, Department of Biostatistics, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pennsylvania, USA, 3Institute of Occupational Medicine, Edinburgh, UK |
| 0094 |   | Mortality among hardmetal production workers: UK cohort and nested case-control studiesDamien McElvenny1, Laura MacCalman1, Anne Sleeuwenhoek1, Alice Davis1, Brian Miller1, Carla Alexander1, Hilary Cowie1, John W. Cherrie1, Kathleen Kennedy2, Nurt Esmen2, Sarah Zimmerman3, Jeanine Buchanich3, Gary Marsh31Institute of Occupational Medicine, Edinburgh, UK, 2University of Illinois, Chicago, USA, 3University of Pittsburgh, Pittsburgh, USA |
| 0291 |   | Mortality among hardmetal production workers: US cohort and nested case-control studiesGary Marsh1, Jeanine Buchanich1, Sarah Zimmerman1, Yimeng Liu1, Lauren Balmert1, Nurtan Esmen2, Kathleen Kennedy21Center for Occupational Biostatistics and Epidemiology Department of Biostatistics Graduate School of Public Health University of Pittsburgh, Pittsburgh, PA 15261, USA, 2Division of Environmental and Occupational Health Sciences School of Public Health University of Illinois at Chicago, Chicago, IL 60612 U.S.A., USA |
| 0300 |   | Mortality among hardmetal production workers: Pooled analysis of cohort data from an international investigationGary Marsh1, Jeanine Buchanich1, Sarah Zimmerman1, Yimeng Liu1, Lauren Balmert1, Kathleen Kennedy2, Nurtan Esmen2, Hanns Moshammer3, Peter Morfeld4, Thomas Erren4, Valerie Grob4, Mei Yong4, Magnus Svartengren5, Hakan Westberg6, Damien McElvenny7, John Cherrie71University of Pittsburgh, Center for Occupational Biostatistics & Epidemiology, Pittsburgh, Pennsylvania, USA, 2University of Illinois at Chicago, Division of Environmental & Occupational Health Sciences, Chicago, Illinois, USA, 3Medical University of Vienna, Institute of Environmental Health, Vienna, Austria, 4University of Cologne, Institute for Occupational Medicine, Cologne, Germany, 5Uppsala University, Department of Medical Sciences, Uppsala, Sweden, 6Örebro University, Department of Occupational & Environmental Medicine, Orebro, Sweden, 7Institute of Occupational Medicine, Edinburgh, UK |
| Retinal Detachment Mini-symposium, including discussion |
| **10:45-12:30** | **Fintry** | **Chair: David Kriebel** |
| 0204 |   | Retinal detachment and occupational lifting: The evidence to dateStefano MattioliDepartment of Medical and Surgical Sciences, University of Bologna, Bologna, Italy |
| 0160 |   | Retinal detachment and heavy lifting: findings from a register study in DenmarkStefania Curti1, David Coggon2, Harald Hannerz3, Stefano Mattioli11Department of Medical and Surgical Sciences, University of Bologna, Bologna, Italy, 2MRC Lifecourse Epidemiology Unit, University of Southampton, Southampton, UK, 3National Research Centre for the Working Environment, Copenhagen, Denmark |
| 0326 |   | A Swedish job exposure matrix for physical workloadKatarina Kjellberg1,2, Gun Johansson1,2, Magnus Alderling2, Tomas Hemmingsson1,31Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden, 2Centre for Occupational and Environmental Medicine, Stockholm County Council, Stockholm, Sweden, 3Centre for Social Research on Alcohol and Drugs, Stockholm University, Stockholm, Sweden |
| 0172 |   | Association between Occupational Lifting and Rhegmatogenous Retinal Detachment in a National Cohort of Swedish Men.Andrea Farioli1, David Kriebel2, Stefano Mattioli1, Katarina Kjellberg3,4, Tomas Hemmingsson3,51Department of Medical and Surgical Sciences (DIMEC), Bologna, Italy, 2Department of Public Health, University of Massachusetts Lowell, Lowell, USA, 3Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden, 4Centre for Occupational and Environmental Medicine, Stockholm County Council, Stockholm, Sweden, 5Centre for Social Research on Alcohol and Drugs, Stockholm University, Stockholm, Sweden |
| 0327 |   | Exposure assessment for U.S. case-control study on occupational lifting and retinal detachment: a comparison of methods. Rebecca DeVries1, Bradley Daines2, Lauren Gosnell1, Rebecca Gore1, Susan Sama1, David Kriebel11Department of Public Health, University of Massachusetts Lowell, Lowell, MA, USA, 2Reliant Medical Group, Worcester, MA, USA |
| 0127 |   | If heavy lifting causes retinal detachment, what is the mechanism? Implications of pathophysiology for epidemiology.David Kriebel1, Stefania Curti2, Rebecca DeVries1, Andrea Farioli2, Stefano Mattioli2, Susan Sama11University of Massachusetts Lowell, Lowell MA, USA, 2Department of Medical and Surgical Sciences, University of Bologna, Bologna, Italy |
| Exposure Assessment 2, followed by discussion |
| **10:45-12:30** | **Moorfoot** | **Chair: Hans Kromhout & Marissa Baker** |
| 029410:45-11:00 |   | Job-exposure matrix addressing smoking in the nationwide Danish Occupational Cohort, DOC\*XSesilje Bondo Petersen1, Esben M. Flachs1, Ebbe Villadsen2, Eva Prescott3, Anne Tjønneland4, Merete Osler5, Ingelise Andersen6, Knud Juel7, Esben Budtz-Jørgensen8, Henrik A. Kolstad9, Vivi Schlünssen2, Jens Peter Bonde11Department of Occupational and Environmental Medicine, Bispebjerg University Hospital, Copenhagen, Denmark, 2National Research Centre for Working Environment, Copenhagen, Denmark, 3Department of Cardiology, Bispebjerg University Hospital, Copenhagen, Denmark, 4Danish Cancer Society Research Center, Copenhagen, Denmark, 5Research Centre for Prevention and Health, Glostrup, Denmark, 6Section of Social Medicine, Institute of Public Health, University of Copenhagen, Copenhagen, Denmark, 7National Institute of Public Health, University of Southern Denmark, Copenhagen, Denmark, 8Section of Biostatistics, University of Copenhagen, Copenhagen, Denmark, 9Department of Occupational Medicine, Aarhus University Hospital, Aarhus, Denmark |
| 033711:00-11:15 |   | Modelling of occupational exposure to inhalable nickelBenjamin Kendzia1, Beate Pesch1, Dorothea Koppisch2, Rainer Van Gelder2, Katrin Pitzke2, Wolfgang Zschiesche1, Tobias Weiss1, Thomas Behrens1, Thomas Brüning01Institute for Prevention and Occupational Medicine of the German Social Accident Insurance, Institute of the Ruhr-Universität Bochum (IPA), Bochum, Germany, 2Institute for Occupational Safety and Health of the German Social Accident Insurance (IFA), Sankt Augustin, Germany |
| 021611:15-11:30 |   | Occupational radiation doses in nuclear medicine: a US multi-center studyDaphnee Villoing1, R. Craig Yoder2, Christopher Passmore3, Marie-Odile Bernier4, Martha Linet1, Cari M. Kitahara11Radiation Epidemiology Branch, Division of Cancer Epidemiology and Genetics, National Cancer Institute, National Institutes of Health, Rockville, MD, United States Minor Outlying Islands, 2Consultant, Weddington, NC, United States Minor Outlying Islands, 3Landauer, Inc., Glenwood, IL, United States Minor Outlying Islands, 4Institut de Radioprotection et de Sureté Nucléaire, Fontenay-aux-roses, France |
| 038811:30-11:45 |   | Poultry worker tasks associated with campylobacteriosis in Minnesota, 2012-2016Evan J. Sorley1, Carrie A. Klumb2, Joni M. Scheftel2, Bruce H. Alexander1, Jeff B. Bender1, Kirk E. Smith21Division of Environmental Health Sciences, University of Minnesota, Minneapolis, MN, USA, 2Minnesota Department of Health, St. Paul, MN, USA |
| 040811:45-12:00 |   | Workers' exposure to brominated flame retardants: A glance at American and Canadian population databasesSabrina Gravel1,2, Jérôme Lavoué1,3, France Labrèche1,21School of Public Health, Université de Montréal, Montreal, Qc, Canada, 2Institut de recherche Robert-Sauvé en santé et en sécurité du travail, Montreal, Qc, Canada, 3Centre de recherche du Centre hospitalier de l’Université de Montréal, Montreal, Qc, Canada |
| 028912:00-12:15 |   | "David´s Cheese Bread" method: Workload quantitative exposure thresholds detection using adjusted hazard multivariate parametric modelling, useful in Cumulative-Trauma Disorders prevention and within their causal assessment.David Alvarez Rincón2,3, Luisa Perez41ICOH membership, Milano, Italy, 2EPICOH member, Utrecht, The Netherlands, 3Provincial Workers´ Compensation Board, Cali, Colombia, 4University of Alberta OH&S postgraduate certificate, Edmonton, Canada |
| Policy/Impact, followed by discussion |
| **10:45-12:30** | **Tinto** | **Chair: Sotiris Vardoulakis & Susan Peters** |
| 020910:45-11:00 |   | CKDu: Intervention to Policy  Jason Glaser1,2, Kristina Jakobsson3,4, Ineke Wesseling5, David Wegman6, Becky Lucas8, Theo Bodin5, Ulf Ekstrom4, Ilana Weiss11La Isla Network, International, USA, 2LSHTM, London, UK, 3Gothenburg University, Gothenburg, Sweden, 4Lund University, Lund, Sweden, 5Karolinska Instituet, Stockholm, Sweden, 6UMASS Lowell, Lowell, USA, 7Harvard University, Boston, USA, 8University of Birmingham, Birmingham, UK |
| 032511:00-11:15 |   | Future directions for occupational epidemiological research on neurodegenerative disordersSusan Peters1,2, Leonard van den berg2, Jan Veldink2, Roel Vermeulen11Utrecht University, Utrecht, The Netherlands, 2University Medical Center Utrecht, Utrecht, The Netherlands |
| 012611:15-11:30 |   | Occupational burden estimation: is it having any impact?Lesley RushtonImperial College London, London, UK |
| 016411:30-11:45 |   | Early reporting incentives to reduce time between injury and claim: A multiple baseline interrupted time series analysis of two Australian workers' compensation jurisdictionsTyler Lane1, Shannon Gray1, Behrooz Hassani-Mahmooei2, Alex Collie11School of Public Health and Preventive Medicine, Monash University, Melbourne, VIC, Australia, 2Monash University, Melbourne, VIC, Australia |
| 018711:45-12:00 |   | Disability and workplace harassment and discrimination among Canadian federal public service employeesAndrea Marie Jones1, Rodrigo Finkelstein2, Mieke Koehoorn11University of British Columbia, Vancouver, British Columbia, Canada, 2Simon Fraser University, Vancouver, British Columbia, Canada |
| Radiation, followed by discussion |
| **10:45-12:30** | **Kilsyth** | **Chair: Lydia Zablotska & Jianjun Xiang** |
| 036310:45-11:00 |   | Occupational exposure to high frequency electromagnetic fields and risk of brain tumours in the INTEROCC StudyJavier Vila1,3, Michelle C Turner1,4, Esther Gracia-Lavedan1,2, Jordi Figuerola1,2, Joseph D Bowman5, Laurel Kincl6, Lesley Richardson7, Geza Benke8, Sarah Fleming9, Martine Hours10, Daniel Krewski4, Dave McLean11, Marie-Elise Parent12, Siegal Sadetzki13,14, Klaus Schlaefer15, Brigitte Schlehofer15, Joachim Schüz16, Jack Siemiatycki7, Martie van Tongeren17,18, Elisabeth Cardis1,31Barcelona Institute for Global Health (ISGlobal), Barcelona, Spain, 2Universitat Pompeu Fabra (UPF), Barcelona, Spain, 3CIBER Epidemiología y Salud Pública (CIBERESP), Madrid, Spain, 4McLaughlin Centre for Population Health Risk Assessment, University of Ottawa, Ottawa, Canada, 5National Institute for Occupational Safety and Health (NIOSH), Ohio, USA, 6Oregon State University (OSU), Corvallis, Oregon, USA, 7University of Montreal Hospital Research Centre (CRCHUM), Montreal, Canada, 8School of Public Health and Preventive Medicine, Monash University, Melbourne, Australia, 9Faculty of Medicine and Health, University of Leeds, Leeds, UK, 10Université de Lyon, Institut national de Veille Sanitaire, Unité Mixte de Recherche Épidémiologique et de Surveillance Transports Travail Environnement, Lyon, France, 11Massey University, Wellington, New Zealand, 12INRS-Institut Armand-Frappier, Université du Québec, Laval, Canada, 13Cancer and Radiation Epidemiology Unit, Gertner Institute, Chaim Sheba Medical Center, Tel-Hashomer, Israel, 14Sackler Faculty of Medicine, Tel Aviv University, Tel Aviv, Israel, 15German Cancer Research Center, Heidelberg, Germany, 16International Agency for Research on Cancer (IARC), Section of Environment and Radiation, Lyon, France, 17Institute of Occupational Medicine (IOM), Edinburgh, UK, 18Centre for Occupational and Environmental Health, Centre for Epidemiology, University of Manchester, Manchester, UK, 19INTEROCC Study Group, Barcelona, Spain |
| 034711:00-11:15 |   | Analysis of mortality in a pooled cohort of Canadian and German uranium processing workers with no mining experienceLydia Zablotska1, Nora Fenske2, Maria Schnelzer2, Sergey Zhivin3, Dominique Laurier4, Michaela Kreuzer21University of California, San Francisco, San Francisco, CA, USA, 2Federal Office for Radiation Protection, Department of Radiation Protection and Health, Neuherberg, Germany, 3French National Institute of Health and Medical Research, INSERM, Paris, France, 4Institute for Radiological Protection and Nuclear Safety, IRSN, Fontenay-aux-Roses, France |
| 023911:15-11:30 |   | Radon exposure and lung cancer mortality in the German uranium miner cohort - results from the extended follow-up to 2013 in the WISMUT studyChristina Sobotzki, Nora Fenske, Maria Schnelzer, Michaela KreuzerFederal Office for Radiation Protection, Neuherberg, Germany |
| 048411:30-11:45 |   | Exposure to ionizing radiation and risk of lymphoma subtypes: analysis of the Epilymph resultsPierluigi Cocco1, Matteo loi2, Qi Zhi1, G Satta1, Maris G. Enna1, Nickolaus Becker3, Yolanda Benavente4, Sylvia De Sanjosé4, Lenka Foretova5, Anthony Staines6, Marc Maynadié7, Alexander Nieters8, Lydia Zablotska21University of Cagliari, Cagliari, Italy, 2University of California, San Francisco, USA, 3German Cancer Research Centre, Heidelberg, Germany, 4Catalan Institute of Oncology, Barcelona, Spain, 5Department of Cancer Epidemiology and Genetics, Brno, Czech Republic, 6Dublin City University, Dublin, Ireland, 7Dijon University Hospital, Dijon, France, 8University of Freiburg, Freiburg, Germany |
| 012311:45-12:00 |   | Reconstruction of individual radiation doses in a cohort of French nuclear workers: Considering doses under the recording thresholdLucie Fournier, Dominique Laurier, Sylvaine Caër-Lorho, Eric Samson, Klervi LeuraudInstitute for Radiological Protection and Nuclear Safety, Fontenay aux Roses, France |
| 020012:00-12:15 |   | Creation of a quantitative historical Job-Exposure Matrix for plutonium workers and feasibility of its use with reconstructed occupational histories for epidemiological purposesTony Riddell3, Hanhua Liu2, Richard Wakeford2, Jacqueline A. O'Hagan3, Raymond Agius2, David MacGregor4, Christine Wilson4, Mark Peace4, David Herdman4, Frank de Vocht11University of Bristol, Bristol, UK, 2University of Manchester, Manchester, UK, 3Public Health England, Chilton, UK, 4Sellafield Ltd, Seascale, UK |
| Lunch |
| **12:30-13:30** | **Cromdale** |   |
| Poster session 2 |
| **12:30-14:15** | **Cromdale** |   |
| 0007 |   | Assessment of pesticide exposure and occupational safety and health of  farmers in the PhilippinesJinky Leilanie LuNational Institutes of Health, Institute of Health Policy and Development Studies, University of the Philippines Manila, Manila, The Philippines |
| 0015 |   | The significance and application of salivary biomarkers of stress, cortisol awakening response, in occupational psychologyWei-Te Wu, Wei-Jin Li, Hui-Yi Liao, Saou-Hsing LiouNational Health Research Institutes, Miaoli county, Taiwan |
| 0022 |   | Assessing self-reported health effects  by forklift operatorsHülya Gül1, Savas Kanbur21Istanbul Medical Faculty, Public Health Department, Istanbul, Turkey, 2Gedik University, Istanbul, Turkey |
| 0034  |   | Acute occupational pesticide poisoning in Morocco: a 6-year retrospective studyZineb Nabih1, Maria Windy2, Naima Rhalem2, Soumaia Hmimou1, Abdelmajid Soulaymani1, Abdelrhani Mokhtari1, Rachida Soulaymani-Bencheikh2,3, Hinde Hami11Laboratory of Genetics and Biometry, Faculty of Science, Ibn Tofail University, Kenitra, Morocco, 2Moroccan Poison Control Center, Rabat, Morocco, 3Faculty of Medicine and Pharmacy, Mohammed V University, Rabat, Morocco |
| 0039  |   | A study on KAP (Knowledge, Attitude, Practice) of diabetes mellitus in an occupational health backgroundRajat Kumar SahaHero MotoCorp Ltd, Dharuhera Haryana, India |
| 0052 |   | Odour as a determinant of persistent physical and psychological health complaints after an oil tank explosion, a longitudinal studyGro Tjalvin1,2, Nils Magerøy2, Magne Bråtveit1, Stein Håkon Låstad Lygre2, Bjørg Eli Hollund2, Bente Elisabeth Moen31Department of Global Public Health and Primary Care, Faculty of Medicine and Dentistry, University of Bergen, Bergen, Norway, 2Department of Occupational Medicine, Haukeland University Hospital, Bergen, Norway, 3Centre for International Health, Faculty of Medicine and Dentistry, Bergen, Norway |
| 0067 |   | Perception of musculoskeletal disorders and RULA method application in different productive sectors: a systematic review of literatureAanh Eduardo Dimate García, Diana Carolina Rodríguez RomeroFundación Universitaria Del Área Andina, Bogotá, Colombia |
| 0107 |   | European survey of national hepatitis B vaccination policies for healthcare workersAntoon De Schryver1,2, Tom Lambaerts2, Nathalie Lammertyn21University of Antwerpen, Epidemiology and Social Medicine, Antwerpen, Belgium, 2IDEWE, Leuven, Belgium |
| 0113 |   | Stable prevalence of workplace bullying among Norwegian doctors: A study based on national samples in 1993, 2004 and 2014Judith Rosta, Olaf AaslandInstitute for Studies of the Medical Profession, Oslo, Norway |
| 0117 |   | Performance evaluation of N95 respirator affecting factorsChane-Yu Lai, Hsio-Chuan Lin, Pei-Yi ChiangChung Shan Medical University, Taichung, Taiwan |
| 0118 |   | Sampling Evaluation of Bioaerosol and Antibiotic-resistant Characteristics in Intensive Care UnitChane-Yu Lai1,2, Nien-Xin Wu1, Ann-Ru Kuo2,3, Ya-Huei Lin01Chung Shan Medical University, Taichung, Taiwan, 2OSH Respirator Test Center, Taichung, Taiwan, 3Chung Shan Medical University Hospital, Taichung, Taiwan |
| 0132 |   | Immunological hazards in engineered nanomaterial handling workersChung-Ching Wang1, Wei-Liang Chen1, Ying-Chuan Wang1, Sheng-Ta Chiang1, Saou-Hsing Liou2,31Division of Family Medicine, Department of Family and Community Medicine, Tri-Service General Hospital, National Defense Medical Center, Taipei, Taiwan, 2Department of Public Health, National Defense Medical Center, Taipei, Taiwan, 3National Institute of Environmental Health Science, National Health Research Institutes, Miaoli, Taiwan |
| 0145 |   | Effects of perceived job insecurity on depression, suicide ideation, and decline in self-rated health in Korea: A population-based panel studyMin-Seok Kim2, Yun-Chul Hong2, Ji-Hoo Yook2, Mo-Yeol Kang11Seoul St. Mary's Hospital, Seoul, Republic of Korea, 2Seoul National University, Seoul, Republic of Korea |
| 0155 |   | Negotiating risks and uncertainties: Health and Safety decision-making in the mines of Potosí (Bolivia)Mei TruebaUniversity of Sussex, Brighton, UK |
| 0179 |   | Factors associated with high need for recovery in different age groupsPhilippe Kiss1,2, Marc De Meester1,2, Lutgart Braeckman21Securex Occupational Health Service, Ghent, Belgium, 2Ghent University, Ghent, Belgium |
| 0183 |   | Predictors of work ability in solvent exposed workersAri Kaukiainen1,2, Heidi Furu1, Hanna-Kaisa Hyvärinen1, Markku Sainio11Finnish Institute of Occupational Health, Helsinki, Finland, 2LocalTapiola General, LocalTapiola Group, Espoo, Finland |
| 0184 |   | Considering giving up gainful employment as predictor for early exit from the labour forceUwe Rose, Hermann Burr, Norbert KerstenFederal Institute for Occupational Safety and Health (FIOSH), Berlin, Germany |
| 0201 |   | Survey to determine usual care in the UK NHS Occupational Health departments in managing staff who go on sick leave with common mental health disorders.Dorota Juszczyk, Brian See, Vaughan Parsons, Ira MadanGuy’s and St Thomas’ NHS Foundation Trust, London, UK |
| 0210 |   | A study on the verbal violence experiences of customer service workers and presenteeismW.S. Hwang1, I. Kim1,2, J. Song1,21Graduate School of Public Health, Hanyang University, Seoul, Republic of Korea, 2Occupational and Environmental Medicine, Hanyang University, Seoul, Republic of Korea |
| 0224 |   | Comparison of prevalence and associated factors of hypertension between ship officers and In-land officers of the Royal Thai NavyChamchan Chanchang1,2, Pornchai Sithisarankul2, Sethasiri Sangsuwan11Naval Medical Department, Royal Thai Navy, Bangkok, Thailand, 2Faculty of medicine, Chulalongkorn University, Bangkok, Thailand |
| 0225 |   | Effects of change in work organisation on psychological well-being: influence of psychological demand, decision latitude and social support.Maylis Telle-Lamberton, Florian PontinORS Ile-de-France, Paris, France |
| 0229 |   | Risk of Heat Related Illness in Latino Agricultural Workers: Core Body Temperature and Work TaskJavier Castro, Diane Mitchell, Tracey Armitage, Marc SchenkerUniversity of California, Davis, Davis, California, USA |
| 0231 |   | Occupational respirable cystalline silica exposure related to FEV1 decline among normal or early abnormal ILO chest-radiographs of sandstone-workers; a six month follow upNaesinee Chaiear1, Peerawat Trakultaweesuk1, Watchara Boonsawat21Unit of Occupational Medicine, Department of Community Medicine, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand, 2Unit of Respiratory and Critical Care, Department of Medicine, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand |
| 0250 |   | Neck and upper limb complaints in health workers: a warning of mental strain, or just a mechanical problem?Silvia Santo Domingo1, Rebeca Marinas2,3, Yolanda Casalod2, Miguel Bolea2, Begoña Martínez21Servicio Riojano de Salud. Servicio de Prevención de Riesgos Laborales., Logroño, La Rioja, Spain, 2Grupo Consolidado de Investigación GIIS063 de Medicina del Trabajo del Instituto de Investigación Sanitaria de Aragón & Grupo Consolidado B44. School of Occupational Medicine, University of Zaragoza., Zaragoza, Aragón, Spain, 3Servicio de Medicina Interna. Hospital Clínico Universitario "Lozano Blesa", Zaragoza, Aragón, Spain |
| 0259 |   | Air pollutants associated with baseline in fractional exhaled nitric oxide (FeNO) in school childrenTzu-Pei Wang1, Chi-Hsien Chen2, Bing-Yu Chen1, Yue-Leon Guo1,21Institute of Occupational Medicine and Industrial Hygiene, National Taiwan University, Taipei, Taiwan, 2Department of Environmental and Occupational Medicine, National Taiwan University College of Medicine and NTU Hospital, Taipei, Taiwan |
| 0274 |   | The profile of informal carers in a cohort of 50-64 year-olds: results from the Health and Employment After Fifty (HEAF) studyE Clare Harris1,2, Stefania D’Angelo1,2, Holly Syddall1, Cathy Linaker1,2, David Coggon1,2, Karen Walker-Bone1,2, Keith T Palmer1,21MRC Lifecourse Epidemiology Unit, University of Southampton, Southampton, UK, 2Arthritis Research UK/MRC Centre for Musculoskeletal Health and Work, University of Southampton, Southampton, UK |
| 0279 |   | Occupational exposure to dust components and alterations in immune/inflammation markers among taconite workers in MinnesotaRony F. Arauz1, Jeffrey H. Mandel1, Bin Ma2, Bruce Lindgren2, Irina Stepanov1,21Division of Environmental Health Sciences, University of Minnesota, Minneapolis, Minnesota, USA, 2Masonic Cancer Center, University of Minnesota, Minneapolis, Minnesota, USA |
| 0296 |   | Gradual return to work among work-disabled employees in Belgium: Barriers and possibilities for improvementMiriam van Dick1, Charlotte Vanovenberghe1,2, Marc Du Bois11KU Leuven, Leuven, Belgium, 2Landsbond der Christelijke Mutualiteiten, Brussels, Belgium |
| 0310 |   | Medical rehabilitation before the occurrence of early retirement in Germany - prevalence and sociodemographic determinants of non-utilization.Maria WeyermannNiederrhein University of Applied Sciences, Krefeld, Germany |
| 0311 |   | Can smoking research from the 1950s inform today's shiftwork research? Approaches to assess hypothesized circadian disruption at and off workThomas C. Erren, Philip LewisUniversity of Cologne, Cologne, Germany |
| 0317 |   | Application of failure mode and effect analysis (FMEA) to assess occupational risks in oil RefineryMehrzad Ebrahemzadih1,2, Gholam Hossein Halvani21Environmental Health Research Center, KurdistanUniversity of Medical Sciences, Sanandaj, Iran, 2Department of Occupational Health, Shahid Sadoughi University of Medical Sciences, Yazd, Iran |
| 0319 |   | Etiologic effect measures versus causal estimates of real world workplace interventionsMonika Izano, Daniel Brown, Andreas Neophytou, Erika Garcia, Ellen A EisenUniversity of California, Berkeley, Berkeley, CA, USA |
| 0340 |   | Insight into measles epidemicsPaola Altrudo2, Serena Carovillano2, Caterina Bianchi2, Daniele Palumbo2, Francesco Giuffrida2, Antonella Carbone2, Francesco Bussu1, Giovanni Delogu11Università Cattolica del Sacro Cuore, Rome, Italy, 2Cooperativa Operatori Sanitari Associati, Rome, Italy |
| 0355 |   | Mortality in a cohort of Danish firefighters.Kajsa Petersen1, Julie Elbæk Pedersen1, Jens Peter Bonde2, Niels Ebbehøj2, Johnni Hansen11The Danish Cancer Society Research Center, Copenhagen, Denmark, 2Department of Occupational and Environmental Medicine, Bispebjerg University Hospital, Copenhagen, Denmark |
| 0356 |   | Job strain in managers and workplace social capital: a cross-sectional study from the Danish public sectorLine Leonhardt Laursen, Søren Grove Vejlstrup, Jens Peter Bonde, Johan Høy JensenDepartment of Occupational and Environmental Medicine, Copenhagen University Hospital, Bispebjerg, Copenhagen, Denmark |
| 0367 |   | The diagnosis of pneumoconiosis using gas chromatography/mass spectrometryHsiao-Yu Yang1,2, Ruei-Hao Shie3, Che-Jui Chang1, Pau-Chung Chen1,21Institute of Occupational Medicine and Industrial Hygiene, National Taiwan University College of Public Health, Taipei, Taiwan, 2Department of Environmental and Occupational Medicine, National Taiwan University Hospital, Taipei, Taiwan, 3Green Energy & Environmental Research Laboratories, Industrial Technology Research Institute, Hsinchu, Taiwan |
| 0393 |   | A systematic literature review: Organophosphate (OP) pesticide exposure and semen qualityZulkhairul Naim Bin Sidek Ahmad1, Daniel Brison2, Andrew Povey11Centre for Occupational and Environmental Health, School of Health Sciences, Faculty of Biology, Medicine and Health, University of Manchester, Manchester, M13 9PL., UK, 2Department of Reproductive Medicine, St Mary’s Hospital, Central Manchester University Hospitals NHS Foundation Trust, Manchester Academic Health Sciences Centre,, Oxford Road, Manchester M13 9WL, UK |
| 0409 |   | Industry, occupation and sex differences in workers' exposure to endocrine disrupting metals in an American and a Canadian surveySabrina Gravel1,2, Jérôme Lavoué1,3, France Labrèche1,21School of Public Health, Université de Montréal, Montreal, Qc, Canada, 2Institut de recherche Robert-Sauvé en santé et en sécurité du travail, Montreal, Qc, Canada, 3Centre de recherche du Centre hospitalier de l’Université de Montréal, Montreal, Qc, Canada |
| 0411 |   | Exposure to diesel engine exhaust and the risk of ALSSusan Peters1,2, Calvin Ge2, Jan Veldink1, Leonard van den Berg1, Roel Vermeulen21University Medical Centre Utrecht, Utrecht, The Netherlands, 2Utrecht University, Utrecht, The Netherlands |
| 0430 |   | Female workers suffered higher psychological symptoms after occupational injuries than male workersJudith Shiao1, Wei-Shan Chin2,3, Sherri Yeh3, Leon Guo2,31Nursing, National Taiwan University (NTU) College of Medicine and NTU Hospital, Taipei, Taiwan, 2National Institute of Environmental Health Sciences, National Health Research Institutes, Zhunan, Taiwan, 3Environmental and Occupational Medicine, National Taiwan University (NTU) and NTU Hospital, Taipei, Taiwan |
| 0436 |   | Comparison of occupational physicians with attending physicians for opinions on collaboration with their counterparts.  How to support of fitness for work of employees with diseases.Go Muto1, Kazuhito Yokoyama1, Fumihiko Kitamura1, Motoki Endo21Department of Epidemiology and Environmental health, Graduate school of Medicine, Juntendo University, Tokyo, Japan, 2Department of Public health, Tokyo Womens’ Medical University, Tokyo, Japan |
| 0442 |   | Occupational exposures and Parkinsonism among women textile workers in Shanghai, ChinaSindana Ilango1,2, Wenjin Li3, Caroline Tanner4, Shu-Ching Hu5, Roberta Ray3, Susan Searles Nielsen6, Dao Li Gao7, Xin Wang7, Sadie Costello8, David B. Thomas3, Harvey Checkoway11University of California, San Diego, San Diego, CA, USA, 2San Diego State University, San Diego, CA, USA, 3Fred Hutchinson Cancer Research Center, Seattle, WA, USA, 4University of California, San Francisco, San Francisco, CA, USA, 5University of Washington, Seattle, WA, USA, 6Washington University in St. Louis, St. Louis, MO, USA, 7Zhong Shan Hospital Cancer Center, Shanghai, China, 8University of California, Department of Environmental Health Sciences, Berkeley, CA, USA |
| 0448 |   | Effects of organizational change on workplace social capital: a longitudinal study of hospital work unitsSøren Grove Vejlstrup, Line Leonhardt Laursen, Jens Peter Bonde, Johan Høy JensenCopenhagen University Hospital Bispebjerg, Copenhagen, Denmark |
| 0449 |   | Leading and lagging indicators for the prevention of violence towards workers in health careChristopher McLeod1,2, Sharon Provost1, Kelvin Choi1, Benjamin Amick III2,3, George Astrakianakis01School of Population and Public Health, The University of British Columbia, Vancouver, British Columbia, Canada, 2Institute for Work & Health, Toronto, Ontario, Canada, 3Florida International University, Miami, Florida, USA |
| 0463 |   | Occupational intoxication by mercury and neurotoxicity: professional disease.Marita Del Pilar Asmat Inostrosa, Javier Valdés Valdazo, Jose Manuel De La Torre Robles, Maria Victoria Casares Del Rio, Luis Enrrique Alonso HerreroLeon Hospital, Leon, Spain |
| 0481 |   | Sickness absence and presenteeism rate in socio-demographic groups in Latvia 2006 – 2016Svetlana Lakisa1, Inese Gobine2, Ivars Vanazins11Riga Stadins University, Institute of Occupational Safety and Environmental Health, Riga, Latvia, 2Riga Stadins University, Public Health and Social Welfare Faculty, Riga, Latvia |
| 0504 |   | State compensation for occupational diseases: The Work of the Industrial Injuries Advisory CouncilIan ChetlandDepartment of Work and Pensions, London, UK |
| EPICOH Management Meeting |
| **12:45-14:15** | **Pentland** | **Chair: Roel Vermeulen & Neela Guha** |
| Poster walk 2-1 (Psychosocial) |
| **13:30-14:15** | **Cromdale** | **Chair: Vaughan Parsons** |
| 0058 |   | Accuracy of a single item on mentally tiring work as proxy measure of job demands and efforts in the Gazel cohortAlexis Descatha1, Linda L Magnusson Hanson2, Ida E. H. Madsen3, Reiner Rugulies3, Paraskevi Peristera2, Hugo Westerlund21Inserm UVSQ, Villejuif, France, 2Stockholm University, Stockholm, Sweden, 3National Research Centre for the Working Environment, Copenhagen, Denmark |
| 0099 |   | Psychological work environment and suicidal ideation among nurses in TaiwanWeishan Chin1, Juidth Shu-Chu Shiao2, Yue-Liang Leon Guo3,4, Yu-Ju Li2, Pei-Yi Hu5, Jiune-Jye Ho51Institute of Occupational Medicine and Industrial Hygiene, National Taiwan University School of Public Health, Taipei, Taiwan, 2Department of Nursing, College of Medicine, National Taiwan University (NTU) and NTU Hospital, Taipei, Taiwan, 3National Institute of Environmental Health Science, National Health Research Institutes, Zhunan, Taiwan, 4Department of Environmental and Occupational Medicine, National Taiwan University (NTU) and NTU Hospital, Taipei, Taiwan, 5Institute of Labor, Occupational safety and Health, Ministry of Labor, Taipei, Taiwan |
| 0110 |   | The association between psychosocial factors and needlestick injuries among nurses working in different healthcare settingsTing-Ti Lin1, Judith Shu-Chu Shiao2, Yue-Liang Guo3,4, Hsueh-Ching Wu5, Jiune-Jye Ho61College of Nursing, University of Illinois at Chicago, Chicago, USA, 2School of Nursing, College of Medicine, National Taiwan University, Taipei City, Taiwan, 3Institute of Occupational Medicine and Industrial Hygiene, School of Public Health, National Taiwan University, Taipei City, Taiwan, 4Department of Environmental and Occupational Medicine, National Taiwan University (NTU) and NTU Hospital, Taipei City, Taiwan, 5Department of Nursing, Hsin Sheng Junior College of Medical Care and Management, Taoyuan City, Taiwan, 6Institute of Labor, Occupational Safety and Health, Ministry of Labor, New Taipei City, Taiwan |
| 0188 |   | Trajectories of well-being: time-varying effects of psychosocial determinants of health at workMariana Neto4,2, Maria José Chambel1, Sérgio Manuel3, José Pereira Miguel2, Maria de Fátima Reis21Faculdade de Psicologia da Universidade de Lisboa, Lisboa, Portugal, 2ISAMB - Instituto de Saúde Ambiental. Faculdade de Merdicina da Universidade de Lisboa, Lisboa, Portugal, 3EDP - Eletricidade de Portugal, Lisboa, Portugal, 4Instituto Nacional de Saúde Doutor Ricardo Jorge, Lisboa, Portugal |
| 0257 |   | *Associations of individual level and job-group level estimates of psychosocial work factors with depressive symptoms*Ole Melkevik, Reiner Rugulies, Ida E.H. MadsenNational Research Centre for the Working Environment, Copenhagen, Denmark |
| 0342 |   | Perception of psychosocial factors at work according to age.Régis Colin, Stéphanie Boini, Michel GrzebykINRS, Vandoeuvre-les-Nancy, France |
| 0346 |   | Relationship between psychological stress-job satisfaction and weight change in employees at a global oil and gas companyApril Clark, Delya Sommerville, Richard HeronBP Plc, Houston, Texas, USA |
| 0193 |   | Alcohol and other drugs among workers: Prevalence and job related consequences.Marie-Claire Lambrechts1,3, Lieve Vandersmissen2, Lode Godderis1,21Katholieke Universiteit Leuven, University of Leuven, Leuven, Belgium, 2Idewe, External Service for Prevention and Protection at Work, Heverlee, Belgium, 3VAD, Flemish centre of expertise on alcohol and other drugs, Brussels, Belgium |
| Poster walk 2-2 (Respiratory) |
| **13:30-14:15** | **Cromdale** | **Chair: Sara De Matteis** |
| 0012 |   | Pulmonary function and high-resolution computed tomography (HRCT) in offshore oil drillersNiels Kirkhus, Øivind Skare, Dag Gunnar Ellingsen, Raymond Olsen, Yngvar ThomassenNational Institute of Occupational Health, Oslo, Norway |
| 0081 |   | Change in respiratory heat flows in response to wearing half-mask respirators in hot-and-humid environmentChen-Peng Chen1, Yi-Chun Lin2, Hui-Chen Wei11Department of Occupational Safety and Health, China Medical University, Taichung, Taiwan, 2Department of Public Health, China Medical University, Taichung, Taiwan |
| 0092 |   | A critical evaluation of Fractional exhaled Nitric Oxide (FeNO) and pulmonary function test levels in bakery and plastics workers.Halim Issever, Hulya Dogan Tiryaki, Nefise Seker, Elif Ezirmik, Iklim GurcanIstanbul University,Faculty of Medicine, Istanbul, Turkey |
| 0205 |   | Spirometric changes in normal or early ILO pneumoconiosis radiographs of sandstone-dust exposed workers: a preliminary resultPeerawat Trakultaweesuk1, Naesinee Chaiear1, Watchara Boonsawat1, Jiraporn Khiewyoo1, Phanumas Krisorn1, Kritin Silanun21Khon Kaen University, Khon Kaen, Thailand, 2Thammasart University, Bangkok, Thailand |
| 0244 |   | The diagnosis of pneumoconiosis using a sensor array techniqueHsin-Yi Peng1, Che-Jui Chang1, Pau-Chung Chen1,2, Hsiao-Yu Yang1,21Institute of Occupational Medicine and Industrial Hygiene, National Taiwan University College of Public Health, Taipei, Taiwan, 2Department of Environmental and Occupational Medicine, National Taiwan University Hospital, Taipei, Taiwan |
| 0277 |   | Sensitivity and Specificity of Occupational Health Doctors Reading of Early Stage Pneumoconiosis RadiographsPhanumas Krisorn1, Naesinee Chaiear1, Ponglada Subhannachart2, Narongpon Dumavibhat3, Sutarat Tungsagunwattana2, Krittin Silanun01Division of Occupational Medicine, Department of Community Medicine, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand, 2Central Chest Institute of Thailand, Department of Medical Services, Ministry of Public Health, Nonthaburi, Thailand, 3Department of Preventive and Social Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand, 4Department of Community Medicine and Family Medicine, Faculty of Medicine, Thammasat University, Pathum Thani, Thailand |
| 0376 |   | If the mask fits: An assessment of facial dimensions and mask effectivenessThomas Winski, Will Mueller, Richard GravelingThe Institute of Occupational Medicine, Edinburgh, Scotland, UK |
| 0457 |   | Consequences of asthma on occupational and socio-economic characteristics in the SIP studyDorothée Provost1, Jean-Francois Chastang3, Marie-Christine Delmas1, Chantal Raherison2, Yuriko Iwatsubo11Santé publique France, Saint Maurice, France, 2INSERM U219, Bordeaux, France, 3INSERM UMRS 1136, Paris, France |
| Poster walk 2-3 (Occupational Medicine - SCOM/Modernet) |
| **13:30-14:15** | **Cromdale** | **Chair: Raymond Agius** |
| 0014 |   | How do we eliminate occupational diseases in Great Britain?Anne Raynal1, Robbert Hermanns21University of Cape Town, Cape Town, South Africa, 2University of Glasgow, Glasgow, UK |
| 0035  |   | Notch and notch area among hearing loss employees at chemical industries in Rayong, ThailandTheerasit Chernbamrung1,3, Wittaya Pichetvirachai2, Sirinthip Chanduaywit1, Wantanee Hwanraruen1, Wanida Inchit11Occupational Medicine Department, Rayong Provincial Hospital, Rayong, Thailand, 2The Office of Disease Prevention and Control 2, Phitsanulok, Thailand, 3Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand |
| 0102 |   | Chest X-ray screening for pre-employed healthcare workers in private hospital, ThailandWorrapan KarnjanakantornBangkok Hospital Group, Bangkok, Thailand |
| 0215 |   | Internationalizing SIGNAAL: The European chance in occupational health vigilance - proposal for the Spanish version.Chiara Foresti1, Annet Lenderink2, Stefano Mattioli1, Lode Godderis3,4, Ana Beltran5, Consol Serra6,71School of Occupational Medicine, Department of Medical and Surgical Sciences, University of Bologna, Bologna, Italy, 2AMC / University of Amsterdam, Netherlands Center for Occupational Diseases, Coronel Institute on Work and Health, Amsterdam, The Netherlands, 3KULeuven, Center for Environment and Health, Kapucijnenvoer 35/5, 3000 Leuven, Belgium, 4Idewe External Service for Prevention and Protection at Work, Interleuvenlaan 58, 3001 Heverlee, Belgium, 5IMIM - Hospital del Mar Medical Research Institute, Barcelona, Spain, 6CiSAL - Center of Research in Occupational Health, Barcelona, Spain, 7CIBER of Epidemiology and Public Health, Spain, Spain |
| 0278 |   | Work related characteristics of lung cancers among male construction workers: Focusing on Occupational cancer surveillance data in Korea, 2011-2016Bo Reum Seo1, Yoon-Ji Kim1, Dongmug Kang1,2, Jong-Eun Kim2, Young-Ki Kim1,21Preventive and Occupational Medicine, School of Medicine, Yangsan-si, Gyeongsangnam-do, Republic of Korea, 2Occupational and Environmental Medicine, Pusan National University Yangsan Hospital, Yangsan-si, Gyeongsangnam-do, Republic of Korea |
| 0404 |   | Surveillance of occupational eye injury through emergency services: two-year experiences in a medical center of TaiwanTing-Chia Weng1, I-Lin Hsu2,3, Chia-Chang Chuang2, Jung-Der Wang1,3, How-Ran Guo1,4, Yau-Chang Kuo1,41Department of Occupational and Environmental Medicine, National Cheng Kung University Hospital, Tainan, Taiwan, 2Department of Emergency Medicine, National Cheng Kung University Hospital, Tainan, Taiwan, 3Department of Public Health, College of Medicine, National Cheng Kung University, Tainan, Taiwan, 4Department of Environmental and Occupational Health, National Cheng Kung University, Tainan, Taiwan |
| 0433 |   | Towards an ideal national work-related ill health surveillance system in Great BritainYiqun Chen, David Fishwick, Andrew CurranHealth and Safety Executive, Buxton, UK |
| 0477 |   | Non-communicable diseases and risk factors among police personnel in Jodhpur, India.Jitendra Kumar Meena1,2, Neeti Rustagi2, Vikram Jangir01Geetanjali Medical College & Hospital, Udaipur,Rajasthan, India, 2All India Institute of Medical Sciences, Jodhpur, Rajasthan, India |
| Poster walk 2-4 (Working conditions) |
| **13:30-14:15** | **Cromdale** | **Chair: Eira Viikari-Juntura** |
| 0018 |   | Do highly active workers die early? Elucidating the physical activity health paradox in a systematic review with meta-analysesPieter Coenen1, Maaike Huysmans1, Andreas Holtermann3, Niklas Krause4, Willem van Mechelen1, Leon Straker2, Allard van der Beek11Department of Public and Occupational Health, VU University Medical Center, Amsterdam Public Health Research Institute, Amsterdam, The Netherlands, 2School of Physiotherapy and Exercise Science, Curtin University, Perth, Australia, 3National Research Centre for the Working Environment, Copenhagen, Denmark, 4Department of Environmental Health Sciences and Department of Epidemiology, School of Public Health, University of California Los Angeles, Los Angeles, USA |
| 0042  |   | The association between employment status and work-related health status - results of the 4th Korean working conditions surveyHogil Kim, Inah Kim, Soojin Lee, Jaechul SongDepartment of Occupational and Environmental Medicine, College of Medicine, Hanyang University, Seoul, Republic of Korea |
| 0054 |   | The relationship between on-call work and health problem and injury among Korean workersJae Bum Park1, Chulin Baek21School of Medicine, Ajou University, Suwon, Gyeonggi-do, Republic of Korea, 2Ajou University Hospital, Suwon, Gyeonggi-do, Republic of Korea |
| 0101 |   | Occupational exposures and depressive symptoms of pregnant workers in TaiwanSherri Yeh1, Chi-Hsien Chen1, Chien-Nan Lee2, Ying-Hsuan Wu1, Nai-Chi Tu1, Yue-Leon Guo1,4, Pau-Chung Chen1,31Department of Environmental and Occupational Medicine, and Centers for Occupational Disease and Injury Service, National Taiwan University Hospital, Taipei City, Taiwan, 2Department of Gynecology and Obstetrics, National Taiwan University Hospital, Taipei City, Taiwan, 3Institute of Occupational Medicine and Industrial Hygiene, National Taiwan University College of Public Health, Taipei City, Taiwan, 4National Health Research Institute, Miaoli County, Taiwan |
| 0206 |   | The longitudinal association between multiple job holding and long-term sickness absence among Danish employees. An explorative study using register-based dataStef Bouwhuis1,2, Anne Helene Garde3, Goedele Geuskens2,5, Cécile Boot1,4, Paulien Bongers2,1, Allard van der Beek1,41VU University Medical Center, Amsterdam, The Netherlands, 2TNO, Leiden, The Netherlands, 3NRCWE, Copenhagen, Denmark, 4Amsterdam Public Health Research Institute, Amsterdam, The Netherlands, 5Body@Work, Amsterdam, The Netherlands |
| 0269 |   | Occupational risks and health problems of anesthesia technicians and doctors in operating room, a university hospital studyElif Aylin Yuce1, Meral Turk1, Hediye Asli Davas1, Aslihan Esra Yuksel21EGE University Faculty of Medicine Department of Public Health, Izmir, Turkey, 2EGE University Faculty of Medicine Department of Anesthesiology and Reanimation, Izmir, Turkey |
| 0350 |   | Return-to-work for multiple jobholders with a work-related musculoskeletal disorder: a population-based, matched cohort in British ColumbiaEsther Maas, Mieke Koehoorn, Christopher McLeodUniversity of British Columbia, Vancouver, BC, Canada |
| 0389 |   | Knowledge transfer practices among work and health researchersDwayne Van Eerd1, Siobhan Cardoso11Institute for Work & Health, Toronto, Ontario, Canada, 2School of Public Health and Health Systems, University of Waterloo, Waterloo, Ontario, Canada |
| SCOM/Modernet 2 |
| **14:15-16:00** | **Pentland** | **Chair: Ewan MacDonald & Drushca Lalloo** |
| 040314:15-14:30 |   | Findings from the first year of MAREL: The Italian network on work-related diseasesStefania Curti1, Stefano Mattioli1, Pierluigi Cocco2, Alfonso Cristaudo3, Marco dell'Omo4, Giovanni Mosconi5, Giuseppe Campo61Department of Medical and Surgical Sciences, University of Bologna, Bologna, Italy, 2Department of Public Health, Clinical and Molecular Medicine, University of Cagliari, Cagliari, Italy, 3Unit of Occupational Medicine, University of Pisa, Pisa, Italy, 4Unit of Occupational and Environmental Medicine, Department of Medicine, University of Perugia, Perugia, Italy, 5Unit of Occupational Medicine, Azienda Ospedaliera Papa Giovanni XXIII, Bergamo, Italy, 6Department of Work and Environmental Medicine, Epidemiology and Hygiene, National Institute for Insurance against Accidents at Work (INAIL), Rome, Italy |
| 017514:30-14:45 |   | Different approaches for early recognition and prevention of new and emerging work-related diseasesJelena Bakusic1, Annet Lenderink2, Charlotte Lambreghts1,3, Sofie Vandenbroeck1,3, Jos Verbeek4, Stefania Curti5, Stefano Mattioli5, Lode Godderis1,31Department of Public Health and Primary Care, KU Leuven, Leuven, Belgium, 2Netherlands Center for Occupational Diseases, Coronel Institute on Work and Health, AMC/University of Amsterdam, Amsterdam, The Netherlands, 3IDEWE, External Service for Prevention and Protection at Work, Heverlee, Belgium, 4Finnish Institute of Occupational Health, Kuopio, Finland, 5Department of Medical and Surgical Sciences, University of Bologna, Bologna, Italy |
| 018114:45-15:00 |   | Methodologies to identify work-related diseases: in-depth description of selected of sentinel or alert systemsAnnet Lenderink1, Jelena Bakusic2, Sofie Vandenbroeck2, Charlotte Lambreghts2, Lode Godderis21Netherlands Center for Occupational Diseases, Coronel Institute on Work and Health, AMC/University of Amsterdam, Amsterdam, The Netherlands, 2Centre for Environment and Health, Katholieke Universiteit Leuven, Leuven, Belgium |
| 027515:00-15:15 |   | Accounting for reporter fatigue and excess zeros when estimating the true rate of Work-Related Ill-Health in a voluntary reporting surveillance scheme.Matthew Gittins, Roseanne McNamee, Fiona Holland, Lesley CarterUniversity of Manchester, Manchester, UK |
| 045615:15-15:30 |   | Initial Results from a New Canadian Occupational Disease Surveillance SystemPaul A Demers1,2, Jill MacLeod1, Alice Peter4, Saul Feinstein1, Luis Palma Lazgare1, Chris McLeod31Occupational Cancer Research Centre, Toronto, Ontario, Canada, 2University of Toronto, Toronto, Ontario, Canada, 3University of British Columbia, Vancouver, BC, Canada, 4Cancer Care Ontario, Toronto, Ontario, Canada |
| 002515:30-15:45 |   | Conducting global occupational epidemiology research in a changing socio-political climate: case study of research among shanghai, china textile workersHarvey Checkoway1, David Christiani2, David Wegman31University of California, San Diego, Departments of Family Medicine & Public Health and Neurosciences, San Diego, California, USA, 2Harvard T.H. Chan School of Public Health, Departments of Environmental Health and Epidemiology, Boston, Massachusetts, USA, 3University of Massachusetts Lowell, Lowell, Massachusetts, USA |
| 039915:45-16:00 |   | Individual sensitivity. How should occupational health respond?Chris KalmanNHS Forth Valley, Scotland, UK |
| Neurodegenerative Disease in Sportspersons Mini-symposium, including discussion |
| **14:15-16:00** | **Sidlaw** | **Chair: Neil Pearce & Valentina Gallo** |
| 0497 |   | Head trauma in sport and neurodegenerative disease: An introduction and review of the epidemiological evidenceNeil Pearce1,2, Valentina Gallo3, Damien McElvenny41London School of Hygiene and Tropical Medicine, London, UK, 2Centre for Public Health Research, Massey University, Wellington, New Zealand, 3Queen Mary, University of London, London, UK, 4Institute of Occupational Medicine, Edinburgh, UK |
| 0499  |   | Long-term health outcomes after exposure to repeated concussion in elite level rugby union playersTom McMillan1, P McSkimming2, J Wainman-Lefley1, LM Maclean1, J Hay3, A McConnachie1, W Stewart3,41Institute for Health & Wellbeing, University of Glasgow, Glasgow, UK, 2Robertson Centre for Biostatistics, University of Glasgow, Glasgow, UK, 3Department of Neuropathology, Queen Elizabeth University Hospital, Glasgow, UK, 4Institute of Neuroscience and Psychology, University of Glasgow, Glasgow, UK |
| 0491 |   | Brain Health and Ageing in Retired Rugby Players, the Brain StudyDamien McElvenny1, Valentina Gallo2, Catherine Hobbs3, Seb Crutch4, Huw Morris4, Nick Fox4, Henrik Zetterberg4, Matt Cross5, Simon Kemp5, Andrea Malaspina2, Nigel Arden6, Madeline Davies6, Neil Pearce31Institute of Occupational Medicine, Edinburgh, UK, 2Queen Mary, University of London, London, UK, 3London School of Hygiene and Tropical Medicine, London, UK, 4University College, University of London, London, UK, 5Rugby Football Union, London, UK, 6University of Oxford, Oxford, UK |
| 0492 |   | Assessment of exposure to sub-concussive head impacts in former professional soccer playersJohn Cherrie1, Ioannis Basinas1, Martie van Tongeren2, Damien McElvenny1, Valentina Gallo3, Neil Pearce41Institute of Occupational Medicine, Edinburgh, UK, 2University of Manchester, Manchester, UK, 3Queen Mary, University of London, London, UK, 4London School of Hygiene and Tropical Medicine, London, UK |
| 0498  |   | Biomarkers of concussionValentina Gallo1,3, Damien McElvenny2, Neil Pearce31Queen Mary, University of London, London, UK, 2Institute of Occupational Medicine, Edinburgh, UK, 3London School of Hygiene and Tropical Medicine, London, UK |
| Population Interventions Mini-symposium, including discussion |
| **14:15-16:00** | **Fintry** | **Chair: Eira Viikari-Juntura** |
| 0087 |   | The impact on labor market affiliation of changes in sickness absence benefit legislation using a newly developed Danish register on salary and social payments, 2010-2014.Jacob PedersenNational Research Centre for the Working Environment, Copenhagen O, Denmark |
| 0213 |   | The impact of the Norwegian Cooperation Agreement on a More Inclusive Working Life (IA Agreement) on sickness absence and disability pensioningTherese Nordberg Hanvold1, Karina Corbett1, Rune Hoff1,2, Petter Kristensen1,3, Ingrid Sivesind Mehlum11National Institute of Occupational Health, Oslo, Norway, 2Department of Biostatistics, University of Oslo, Oslo, Norway, 3Institute of Health and Society, University of Oslo, Oslo, Norway |
| 0256 |   | Labour market segregation and gender differences in sickness absence: trends in 2005-2013 in FinlandTaina Leinonen1, Eira Viikari-Juntura1, Kirsti Husgafvel-Pursiainen1, Lauri Virta2, Mikko Laaksonen3, Ilona Autti-Rämö2, Svetlana Solovieva11Finnish Institute of Occupational Health, Helsinki, Finland, 2The Social Insurance Institution of Finland, Helsinki, Finland, 3Finnish Centre for Pensions, Helsinki, Finland |
| 0236 |   | Did a legislative change enabling use of part-time sick leave at an early stage of work disability enhance work participation in Finland?Svetlana Solovieva1, Lauri Virta2, Johanna Kausto1, Ilona Autti-Rämö2, Kari-Pekka Martimo1, Mikko Laaksonen3, Taina Leinonen1, Kirsti Husgafvel-Pursiainen1, Alex Burdorf4, Eira Viikari-Juntura11Finnish Institute of Occupational Health, Helsinki, Finland, 2The Social Insurance Institution of Finland, Helsinki, Finland, 3Finnish Centre for Pensions, Helsinki, Finland, 4Erasmus MC, University Medical Center Rotterdam, Rotterdam, The Netherlands |
| 0220 |   | Advancing the prevention of long-term sickness absence: Considering the impact of the context of legislation in effective preventive strategies.Ludovic van Amelsvoort, Nicole Jansen, IJmert KantMaastricht University, Department of Epidemiology, CAPRHI, Maastricht, The Netherlands |
| Dusts & Fibres, followed by discussion |
| **14:15-16:00** | **Moorfoot** | **Chair: Henrik Kolstad & Matthew Govorko** |
| 009514:15-14:30 |   | Longitudinal course of lung function and the risk of developing coal workers‘ pneumoconiosis in a German inception cohort of Ruhr coal miners, 1974-2010Mei Yong1, Laura Anderle1, Rudolf Derwall2, Volker Schenk2, Heinz Johannes Bicker2, S Eberwein2, G Mann2, Hellmut Lenaerts2, Nicolai Schrader2, Bernhard Kalkowsky2, Andreas Kösters2, D Brand2, Ingmar Prütz2, M Barkhoff2, Peter Morfeld11Institute for Occupational Epidemiology and Risk Assessment, Evonik Industries AG, Essen, Germany, 2Department of Occupational Medicine, RAG AG, Bottrop, Germany |
| 029714:30-14:45 |   | Occupational exposure to organic dust and risk of developing rheumatoid arthritisAnna Ilar1, Per Gustavsson1, Pernilla Wiebert1, Camilla Bengtsson1, Lars Klareskog2, Lars Alfredsson11The Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden, 2Department of Medicine, Rheumatology Unit, Karolinska Institutet, Stockholm, Sweden |
| 043414:45-15:00 |   | A meta-analysis of occupational silica exposure and risk of autoimmune rheumatic diseases: does study quality matter?Henrik A. Kolstad1, Christiane Beer2, David Sherson3, Anne Troldborg4, Berit Dalsgaard Nielsen4, Anne Braae Olesen5, Gitte Jacobsen6, Søndergaard Klaus4, Schlünssen Vivi2,71Department of Occupational Medicine, Danish Ramazzini Centre, Aarhus University Hospital, Aarhus, Denmark, 2Department of Public Health, Danish Ramazzini Centre, Aarhus, Denmark, 3Department of Occupational and Environmental Medicine, University of Southern Denmark, Odense, Denmark, 4Department of Rheumatology, Aarhus University Hospital, Aarhus, Denmark, 5Department of Dermatology, Aarhus University Hospital, Aarhus, Denmark, 6Department of Occupational Medicine, Danish Ramazzini Centre, Hospital Region Vest, Herning, Denmark, 7National Research Center for the Working Environment, Copenhagen, Denmark |
| 008215:00-15:15 |   | Risk of sarcoidosis and seropositive rheumatoid arthritis from occupational silica exposurePer Vihlborg, Ing-Liss Bryngelsson, Lena Andersson, Pål GraffDepartment of Occupational and Environmental Medicine, Faculty of Medicine and Health, Örebro University, Sweden |
| 000815:15-15:30 |   | Occupational epidemiology of health risks and chemical exposures among small scale miners in the PhilippinesJinky Leilanie LuNational Institutes of Health with the Institute of Health Policy and Development Studies, University of the Philippines Manila, Manila, The Philippines |
| 002615:30-15:45 |   | Development of a new preparation method of human lung tissues for analyzing asbestos fibers by TEMHyunwook Kim1, Kyung-Hoon Park1, Kwang-Myong Jang1, Sungwon Choi21The Catholic University of Korea, Seoul, Republic of Korea, 2Occupational Lung Diseases Institute, Seoul, Republic of Korea |
| Working Conditions, followed by discussion |
| **14:15-16:00** | **Tinto** | **Chair: Marc Schenker & Tyler Lane** |
| 038114:15-14:30 |   | The potential impact of three workplace actions on return to work after a work-related musculoskeletal or psychological injuryPeter Smith1,2, Malcom Sim2, Anthony LaMontagne3, Rebbecca Lilley4, Sheilah Hogg-Johnson11Institute for Work & Health, Toronto, Ontario, Canada, 2Monash University, Melbourne, Victoria, Australia, 3Deakin University, Melbourne, Victoria, Australia, 4University of Otago, Otago, New Zealand |
| 018214:30-14:45 |   | High school dropout and cause-specific mortality in young adulthood: the mediating role of work careerPetter Kristensen1,2, Karina Corbett1, Therese N Hanvold1, Rune Hoff3,1, Ingrid S Mehlum11National Institute of Occupational Health, Oslo, Norway, 2Institute of Health and Society, University of Oslo, Oslo, Norway, 3Institute of Basic Medical Sciences, University of Oslo, Oslo, Norway |
| 046414:45-15:00 |   | How do gender and jurisdiction interact with work disability duration?Robert Macpherson1, Mieke Koehoorn1, William Quirke1, Jonathan Fan1,2, Benjamin Amick2, Cameron Mustard2, Sheilah Hogg-Johnson2, Allen Kraut3, Christopher McLeod1,21University of British Columbia, Vancouver, British Columbia, Canada, 2Institute for Work & Health, Toronto, Ontario, Canada, 3University of Manitoba, Winnipeg, Manitoba, Canada |
| 046615:00-15:15 |   | Labor market and health trajectories during periods of economic recession and expansion in the United States, 1988-2011Jonathan Fan1,2, Benjamin Amick2, Lindsay Richardson3, Heather Scott-Marshall1, Chris McLeod2,31University of Toronto, Toronto, Canada, 2Institute for Work & Health, Toronto, Canada, 3University of British Columbia, Vancouver, Canada |
| 014815:15-15:30 |   | Working conditions as risk factors for ill-health retirement: Findings from the Korean Longitudinal Study of Ageing (2006-2014)Mo-Yeol Kang, Jun-pyo Myong, YounMo Cho, Hyoung-Ryoul KimSeoul St. Mary's Hospital, Seoul, Republic of Korea |
| 039815:30-15:45 |   | Climate change threats to occupational health and productivity at population levelLauren Lines2, Tord Kjellstrom3,2, Mattias Otto1,2, Bruno Lemke1,21Nelson Marlborough Institute of Technology, Nelson, New Zealand, 2Ruby Coast Research Centre, Nelson, New Zealand, 3Lund University, Lund, Sweden |
| Reproductive effects, followed by discussion |
| **14:15-16:00** | **Kilsyth** | **Chair: Deborah Glass & Camilla Sejbaek** |
| 006614:15-14:30 |   | Maternal occupational exposure to benzene increases the risk of childhood leukemia in offspring - a prospective study in the Norwegian Mother and Child Cohort StudyJorunn Kirkeleit1,2, Trond Riise2, Tone Bjørge2,3, David C. Christiani4, Andrea Baccarelli5, Stefano Mattioli6, Bjørg Eli Hollund1,2, Bjørn Tore Gjertsen21Haukeland University Hospital, Bergen, Norway, 2University of Bergen, Bergen, Norway, 3Cancer Registry Norway, Oslo, Norway, 4Harvard School of Public Health, Boston, USA, 5Columbia University Mailman School of Public Health, New York, USA, 6University of Bologna, Bologna, Italy |
| 021214:30-14:45 |   | Combined exposure to lifting and psychosocial strain at work and adverse pregnancy outcomes - The Danish National Birth CohortCamilla Sandal Sejbaek1, Hans Bay1, Ann Dyreborg Larsen1, Petter Kristensen2, Vivi Schlünssen1,3, Jens Peter Bonde4,5, Mette Juhl6, Karin Sørig Hougaard11National Research Centre for the Working Environment, Copenhagen, Denmark, 2National Institute of Occupational Health, Oslo, Norway, 3Aarhus University, Aarhus, Denmark, 4Bispebjerg Hospital, Copenhagen, Denmark, 5University of Copenhagen, Copenhagen, Denmark, 6Metropolitan University College, Copenhagen, Denmark |
| 023414:45-15:00 |   | Occupational exposure to n-hexane is associated with reduced FSH levels and also with prolonged menstrual cycles in Mexican workers of reproductive ageLiliana Ruiz-García1, Giovanni Battista Bartoloucci2, Fabiola Salamon2, Mariella Carrieri2, Juan M. Malacara-Hernández1, Nicte Figueroa-Vega1, Octavio A. Jiménez-Garza31Universidad de Guanajuato, Departamento de Ciencias Médicas, León/Guanajuato, Mexico, 2Padua University, Cardiologic, Thoracic and Vascualr Science Department, Padya/Veneto, Italy, 3Universidad de Guanajuato, Departamento de Enfermería y Obstetricia, León/Guanajuato, Mexico |
| 023815:00-15:15 |   | Occupational noise exposure during pregnancy and child's language acquisition at two years of ageSoile Jungewelter1,4, Helena Taskinen1,4, Marja-Liisa Lindbohm1,2, Jouko Remes3, Markku Sallmén1, Erkko Airo1, Minna Huotilainen4, Eira Jansson-Verkasalo51Finnish Institute of Occupational Health (FIOH), Helsinki, Finland, 2University of Tampere, Tampere, Finland, 3Finnish Institute of Occupational Health (FIOH), Oulu, Finland, 4University of Helsinki, Helsinki, Finland, 5University of Turku, Turku, Finland |
| 019815:15-15:30 |   | The Chlorinated Hydrocarbons contaminated groundwater and the Reproductive hazardChing-Chun Lin1, Pau-Chung Chen1,2, Meng-Shan Tsai1, Yu Chan Chen1, Yu Ling Ren11Institute of Occupational Medicine and Industrial Hygiene, National Taiwan University College of Public Health, Taipei, Taiwan, 2Department of Environmental and Occupational Medicine, National Taiwan University Hospital and National Taiwan University College of Medicine, Taipei, Taiwan, 33Department of Environmental and Occupational Medicine National Taiwan University College of Medicine, Taipei, Taiwan |
| Coffee |
| **16:00-16:30** | **Cromdale** |   |
| SCOM/Modernet 3, followed by discussion |
| **16:30-18:00** | **Pentland** | **Chair: Maria Bostrom & David Alvarez Rincón** |
| 015716:30-16:45 |   | Characteristics of individuals receiving a disability benefit and predictors of leaving  the disability benefit scheme. A 5-year follow-up study.Ilse Louwerse1,2, Maaike Huysmans1,2, Jolanda van Rijssen1,3, Allard van der Beek1,2, Han Anema1,21Department of Public and Occupational Health, Amsterdam Public Health Research Institute, VU University Medical Center, Amsterdam, The Netherlands, 2Research Center for Insurance Medicine, AMC-UMCG-VUmc, Amsterdam, The Netherlands, 3Dutch Institute of Employee Benefit Schemes (UWV), Amsterdam, The Netherlands |
| 003016:45-17:00 |   | Opportunities for recovery at work and excellent work ability - a cross-sectional population study among young workersMaria Boström1, Judith K Sluiter2, Mats Hagberg1, Anna Grimby-Ekman11Sahlgrenska Academy, University of Gothenburg, Gothenburg, Sweden, 2Academic Medical Center, Coronel Institute of Occupational Health, Amsterdam, The Netherlands |
| 0031 17:00-17:15 |   | Work-related physical risk factors for specific shoulder disorders: systematic review and meta-analysisHenk van der Molen1, Chiara Foresti2, Joost Daams1, Monique Frings-Dresen1, Paul Kuijer11Coronel Institute of Occupational Health, Netherlands Center for Occupational Diseases, Academic Medical Center, Amsterdam, The Netherlands, 2School of Occupational Medicine, Department of Medical and Surgical Sciences, University of Bologna, Bologna, Italy |
| 040517:15-17:30 |   | Predicting the impact of the EU Vibration directive on the prevalence of vibration white finger (VWF), carpal tunnel syndrome (CTS) and sensorineural symptoms across EuropeS Jill Stocks1, Begoña Martinez-Jarreta2, Riitta Sauni3, David A Berk11University of Manchester, Manchester, UK, 2University of Zaragoza, Zaragoza, Spain, 3Ministry of Social Affairs and Health, Tampere, Finland |
| 011417:30-17:45 |   | Comparison of competency priorities between UK occupational physicians and nurses.Drushca Lalloo1, Evangelia Demou2, Marisa Stevenson3, Mairi Gaffney1, Ewan. B. Macdonald11Healthy Working Lives Group, Institute of Health and Wellbeing, College of Medical, Veterinary and Life Sciences, University of Glasgow, Glasgow, UK, 2MRC/CSO Social and Public Health Sciences Unit, Institute of Health and Wellbeing, College of Medical, Veterinary and Life Sciences, University of Glasgow, Glasgow, UK, 3University of The West Of Scotland, Paisley Campus, Glasgow, UK |
| Pesticide Exposure Mini-symposium, including discussion |
| **16:30-18:00** | **Sidlaw** | **Chair: John Cherrie & Ioannis Basinas** |
| 0493 |   | Improving exposure assessment methodologies for occupational epidemiological studies on pesticidesJohn Cherrie1,21Institute of Occupational Medicine, Edinburgh, UK, 2Institute of Biological Chemistry, Biophysics and Bioengineering, Heriot Watt University, Edinburgh, UK |
| 0494 |   | A regulatory perspective on the need for improving exposure assessment for epidemiological studies on pesticidesPaul HameyHealth and Safety Executive, York, UK |
| 0495 |   | Overview of the exposure assessment methodological issues for epidemiological studies on pesticidesHans KromhoutInstitute for Risk Assessment Science (IRAS), Utrecht University, Utrecht, The Netherlands |
| 0496 |   | Improving occupational exposure assessment methodologies for epidemiological studies on plant protection productsKaren Galea, Ioannis BasinasInstitute of Occupational Medicine, Edinburgh, UK |
| Asbestos, followed by discussion |
| **16:30-18:00** | **Fintry** | **Chair: Alison Reid & Anna Suraya** |
| 013916:30-16:45 |   | Mortality and mesothelioma incidence among chrysotile asbestos miners in Balangero, Italy: a cohort studyDaniela Ferrante1, Dario Mirabelli2,3, Andrea Giovannini4, Patrizia Tribaudino4, Corrado Magnani1,31Department of Translational Medicine - Unit of Medical Statistics and Cancer Epidemiology, CPO Piemonte and University of Piemonte Orientale, Novara, Italy, 2Unit of Cancer Epidemiology, CPO Piemonte and University of Turin, Turin, Italy, 3Interdepartmental Centre G. Scansetti for Studies on Asbestos and other Toxic Particulates, University of Turin, Turin, Italy, 4Centre for surveillance on occupational diseases, Public Prosecution Office, Turin, Italy |
| 032116:45-17:00 |   | Association between occupational exposure to asbestos and cholangiocarcinoma: a population-based nested case–control studyAndrea Farioli1, Kurt Straif2, Giovanni Brandi3, Stefania Curti1, Kristina Kjaerheim4, Jan Ivar Martinsen4, Pär Sparen5, Laufey Laufey Tryggvadottir6,7, Elisabete Weiderpass5, Guido Biasco3, Francesco Saverio Violante1, Stefano Mattioli1, Eero Pukkala8,91Department of Medical and Surgical Sciences (DIMEC), University of Bologna, Bologna, Italy, 2International Agency for Research on Cancer, Lyon, France, 3Department of Experimental, Diagnostic, and Specialty Medicine, S. Orsola-Malpighi University Hospital, Bologna, Italy, 4Department of Research, Cancer Registry of Norway, Institute of Population-Based Cancer Research, Oslo, Norway, 5Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm, Sweden, 6Icelandic Cancer Registry, Reykjavik, Iceland, 7Faculty of Medicine, University of Iceland, Reykjavik, Iceland, 8Faculty of Social Sciences, University of Tampere, Tampere, Finland, 9Finnish Cancer Registry, Institute for Statistical and Epidemiological Cancer Research, Helsinki, Finland |
| 038017:00-17:15 |   | Mesothelioma mortality in Great Britain: an updated analysis of trends by geographical area and occupation 1981-2014Kevin Shepherd1, Damien McElvenny2, Andrew Darnton11Health and Safety Executive, Bootle, UK, 2Institute of Occupational Medicine, Edinburgh, UK |
| 040217:15-17:30 |   | Does lung cancer incidence and mortality differ with the type of asbestos fibre? : Evidence from Western AustraliaNita Sodhi1, Nick deKlerk1,2, Peter Franklin1, Fraser Brims1,3, Susan Peters4, Nola Olsen1, Bill Musk1,31The University of Western Australia, Perth, WA, Australia, 2Telethon Kids Institute, Perth, WA, Australia, 3Sir Charles Gairdner Hospital, Perth, WA, Australia, 4Utrecht University, Utrecht, The Netherlands |
| 017417:30-17:45 |   | Mortality due to asbestosis in a cohort of former asbestos textile workersAndrea Farioli1, Francesco Saverio Violante1, Carlo La Vecchia2, Eva Negri3, Claudio Pelucchi2, Giovanna Spatari4, Paolo Boffetta5, Enrico Pira61Department of Medical and Surgical Sciences (DIMEC), Bologna University, Bologna, Italy, 2Department of Clinical Sciences and Community Health, Milan University, Milan, Italy, 3Department of Biomedical and Clinical Sciences, Milan University, Milan, Italy, 4Department of Biomedical and Dental Sciences and Morphofunctional Imaging, Messina University, Messina, Italy, 5Tisch Cancer Institute, Icahn School of Medicine at Mount Sinai, New York, USA, 6Department of Public Health Sciences and Pediatrics, Turin University, Turin, Italy |
| Musculoskeletal, followed by discussion |
| **16:30-18:00** | **Moorfoot** | **Chair: Karen Walker-Bone & Esther Maas** |
| 031516:30-16:45 |   | Effect of multisite musculoskeletal pain on health related job loss: Findings from the Health and Employment After Fifty (HEAF) studyGeorgia Ntani, Stefania D'Angelo, Clare Harris, Karen Walker-Bone, David Coggon, Keith PalmerMRC Lifecourse Epidemiology Unit, University of Southampton, Southampton, UK |
| 010516:45-17:00 |   | To which extent is bias in self reported information on sedentary behavior and physical activities influenced by age, gender, BMI and low-back pain among blue-collar workers?Nidhi Gupta1, Marina Heiden2, Svend Erik Mathiassen2, Andreas Holtermann1,31National Research Centre for the Working Environment, Copenhagen, Denmark, 2Centre for Musculoskeletal Research, Department of Occupational and Public Health Sciences, University of Gävle, Gävle, Sweden, 3Institute of Sports Science and Clinical Biomechanics, University of Southern Denmark, Odense, Denmark |
| 024817:00-17:15 |   | Reversible median nerve impairment after three weeks of repetitive workSorosh Tabatabaeifar1, Susanne Wulff Svendsen2, Birger Johnsen3, Gert-Åke Hansson4,5, Anders Fuglsang-Frederiksen3, Poul Frost11Danish Ramazzini Centre, Department of Occupational Medicine, Aarhus University Hospital, Aarhus C, Denmark, 2Danish Ramazzini Centre, Department of Occupational Medicine, Regional Hospital West Jutland – University Research Clinic, Herning, Denmark, 3Department of Clinical Neurophysiology, Aarhus University Hospital, Aarhus C, Denmark, 4Occupational and Environmental Medicine, University and Regional Laboratories Region Scania, Lund, Sweden, 5Division of Occupational and Environmental Medicine, Lund University, Lund, Sweden |
| 029217:15-17:30 |   | International job-exposure matrix on physical workload: a second step about an utopia?Alexis Descatha1, Johan H. Andersen2, Skye Buckner-Petty3, Susanne W. Svendsen2, Annett Dalbøge4, Tine S. Rubak5, Poul Frost4, Ann-Marie Dale3, Bradley A. Evanoff31UVSQ Inserm AP-HP, Garches, France, 2University Research Clinic, Herning, Denmark, 3Washington University in St Louis, St-Louis,MO, USA, 4Aarhus University Hospital, Aarhus, Denmark, 5Bisbebjerg University Hospital, Slagelse, Denmark |
| 039417:30-17:45 |   | Are gender differences in disability duration for work-related musculoskeletal injuries explained by health care utilization?Mieke Koehoorn1,2, Lillian Tamburic1, Sheilah Hogg-Johnson2, Katherine Lippel3, Christopher McLeod1,21University of British Columbia, Vancouver, British Columbia, Canada, 2Institute for Work & Health, Toronto, Ontario, Canada, 3University of Ottawa, Ottawa, Ontario, Canada |
| Intervention Studies, followed by discussion |
| **16:30-18:00** | **Tinto** | **Chair: Malcolm Sim & Sara De Matteis** |
| 016616:30-16:45 |   | Mismatch between surveillance of risks and recorded injuries in construction: Integration of ergonomics into a comprehensive safety programAnn Marie Dale, Bradley EvanoffWashington University, St. Louis, Missouri, USA |
| 046116:45-17:00 |   | Can a water.rest.shade intervention reduce the risk of chronic kidney disease among sugarcane workers?David Wegman1, Jenny Apelqvist2, Theo Bodin3, Matteo Bottai3, Ulf Ekström2, Ramón Garcia-Trabanino4, Jason Glaser5, Christer Hogstedt3, Kristina Jakobsson6,10, Emmanuel Jarquín7, Rebekah Lucas8, Sandra Peraza9, Ilana Weiss5, Catharina Wesseling31University of Massachusetts Lowell, Lowell, Massachusetts, USA, 2Department of Laboratory Medicine, Division of Clinical Chemistry and Pharmacology, Lund University, Lund, Sweden, 3Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden, 4Centro de Hemodiálisis, San Salvador, El Salvador, 5La Isla Network, Ada, Michigan, USA, 6Section of Occupational and Environmental Medicine, University of Gothenburg, Gothenburg, Sweden, 7Agencia para el Desarrollo y la Salud Agropecuaria (AGDYSA), San Salvador, El Salvador, 8School of Sport, Exercise & Rehabilitation Sciences, University of Birmingham, Birmingham, UK, 9Faculty of Chemistry and Pharmacy, University of El Salvador, Ciudad Universitaria, San Salvador, El Salvador, 10Division of Occupational and Environmental Medicine, Institute of Laboratory Medicine, Lund University, Lund, Sweden |
| 042217:00-17:15 |   | A total workplace safety and health project for security officers in a Singapore university - from needs assessment to interventions and evaluationJeff Yi-Fu Hwang, Sin Eng Chia, Wagner Norbert, Vivian Ng, Kah Wai Leong, Pang Tong TanNational University of Singapore, Singapore, Singapore |
| 002117:15-17:30 |   | Exercise protects against low back pain: Systematic review and meta-analysis of controlled trialsRahman Shiri1, David Coggon2,3, Kobra Falah-Hassani41Finnish Institute of Occupational Health, Helsinki, Finland, 2Arthritis Research UK/MRC Centre for Musculoskeletal Health and Work, University of Southampton, Southampton, UK, 3MRC Lifecourse Epidemiology Unit, University of Southampton, Southampton, UK, 4Western University, London, Canada |
| 028517:30-17:45 |   | Assessing the impact of a group randomized controlled intervention study in supermarket bakeries with a high baker's allergy and asthma burdenRoslynn Baatjies1,2, Mohamed Jeebhay11Division of Occupational Medicine and Centre for Environmental & Occupational Health Research, School of Public Health and Family Medicine, University of Cape Town, Cape Town, South Africa, 2Department of Environmental and Occupational Studies, Faculty of Applied Sciences, Cape Peninsula University of Technology, Cape Town, South Africa |
| Cardiovascular & dusts/fumes, followed by discussion |
| **16:30-18:00** | **Kilsyth** | **Chair: Noah Seixas & Zara Stokholm** |
| 030516:30-16:45 |   | Occupational exposure to respirable quartz and radon and the risk of acute myocardial infarctionJohannes Gellissen, Dagmar Pattloch, Norbert Kersten, Matthias MöhnerFederal Institute for Occupational Safety and Health, Berlin, Germany |
| 034416:45-17:00 |   | Ischemic heart disease mortality, diesel exhaust, and respirable particulate matter exposure in the Diesel Exhaust in Miners Study (DEMS)Sadie Costello1, Michael Attfield2, Jay Lubin3, Andreas Neophytou1, Aaron Blair3, Daniel Brown1, Patricia Stewart3, Roel Vermeulen3,4, Ellen Eisen1, Debra Silverman31Division of Environmental Health Sciences, School of Public Health, University of California, Berkeley, Berkeley, CA, USA, 2Division of Respiratory Disease Studies, National Institute for Occupational Safety and Health, Morgantown, WV, USA, 3Division of Cancer Epidemiology and Genetics, National Cancer Institute, Bethesda, MD, USA, 4Institute for Risk Assessment Sciences, Utrecht University, Utrecht, The Netherlands |
| 035417:00-17:15 |   | Incidence of cardiovascular disease among Danish firefighters - a cohort study.Julie Elbæk Pedersen1, Kajsa Petersen2, Niels Ebbehøj1, Jens Peter Bonde1, Johnni Hansen21Department of Occupational and Environmental Medicine, Bispebjerg University Hospital, Copenhagen, Denmark, 2The Danish Cancer Society Research Center, Copenhagen, Denmark |
| 031317:15-17:30 |   | Mortality among Norwegian smelter industry workers - a 55 year follow-up.Merete D Bugge, Bente Ulvestad, Balazs Berlinger, Dag G EllingsenSTAMI, National Institute of Occupational Health, Oslo, Norway |
| 036017:30-17:45 |   | Occupational exposure to respirable silica dust in men and women and risk for acute myocardial infarctionPernilla Wiebert1,2, Nils Plato1, Maria Feychting1, Bengt Sjögren1, Annika Gustavsson1,2, Tomas Andersson1,2, Per Gustavsson11Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden, 2Centre for Occupational and Environmental Medicine, Stockholm County Council, Stockholm, Sweden |
| A Night at the Museum - Gala Dinner |
| **19:30-0:00** | **National Museum of Scotland, Chambers Street** |   |

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| Thursday 31st August 2017 |
| Early Career Researchers - Breakfast talk - How to get your paper published |
| **08:00-09:00** | **Moorfoot** |   |
|   | Malcolm Sim, Lesley Rushton, Noah Seixas & Paul Grime |
| Plenary 4 |
| **09:00-09:45** | **Pentland** | **Chair: Roel Vermeulen & Neela Guha** |
| 0501 09:00-09:45 |   | LIFETIME ACHIEVEMENT AWARD - INVITED KEYNOTE: Why have we failed to prevent back pain in working populations?David CoggonMRC Lifecourse Epidemiology Unit, University of Southampton, Southampton, UK |
| EPICOH Discussion - Where to from here for occupational epidemiology research? |
| **09:45-10:45** | **Pentland** |   |
|   | Chair: Neil Pearce & Damien McElvennyPanel: David Kriebel, Lin Fritschi, David Rees, Yue-Leon Guo, Sara de Matteis, Marie-Elise Parent |
| Coffee |
| **10:45-11:15** | **Cromdale** |   |
| Systematic Reviews & Meta-analyses, followed by discussion |
| **11:15-12:45** | **Pentland** | **Chair: Malcolm Sim & Jean-Francois Sauve** |
| 037011:15-11:30 |   | Systematic review and meta-analysis of occupational exposure to styrene and lung cancerNilmara de Oliveira Alves1,2, Dana Loomis1, Neela Guha11IARC, Lyon, France, 2University of São Paulo, São Paulo, Brazil |
| 015011:30-11:45 |   | Is a possible relationship between occupational noise exposure and vestibular schwannoma (acoustic neuroma) causal or due to bias? A systematic review and meta-analysis.Ingrid Sivesind Mehlum, Håkon A. Johannessen, Karl-Christian Nordby, Marit Skogstad, Tore Tynes, Arve LieNational Institute of Occupational Health, Oslo, Norway |
| 035911:45-12:00 |   | Systematic review of occupational chemical exposures and cardiovascular diseasesChrister Hogstedt1, Maria Albin1, Charlotte Hall2, Bengt Sjögren1, Töres Theorell1,31Karolinska Institutet, Stockholm, Sweden, 2SBU, Stockholm, Sweden, 3Stockholm University, Stockholm, Sweden |
| 034112:00-12:15 |   | Welding fumes and lung cancer: A meta-analysis by IARC working groupManoj Kumar Honaryar1,2, Ruth M Lunn3, Danièle Luce4, Wolfgang Ahrens5, Leslie Stayner6, Andrea ’t Mannetje7, Johnni Hansen8, Dana Loomis1, Nadia Vilahur1, Neela Guha11International Agency for Research on Cancer (IARC), Lyon, France, 2École des hautes études en santé publique (EHESP), Paris/Rennes, France, 3National Institute of Environmental Health Sciences (NIEHS), New York, USA, 4National Institute of Health and Medical Research (INSERM), Guadeloupe, French Southern Territories, 5University of Bremen, Bremen, Germany, 6University of Illinois, Chicago, USA, 7Massey University, Palmerston North, New Zealand, 8Danish Cancer Society, Copenhagen, Denmark |
| 020212:15-12:30 |   | Workplace-based interventions to increase chances of sooner and sustained return to work in workers with common mental health disorders: a systematic review of the literature.Dorota Juszczyk, Shotaro Doki, Paul Grime, Vaughan Parsons, Ira MadanGuy’s and St Thomas’ NHS Foundation Trust, London, UK |
| Shift Work & Moderating Factors, followed by discussion |
| **11:15-12:45** | **Sidlaw** | **Chair: Thomas Erren & Alireza Dehdashti** |
| 012511:15-11:30 |   | Shift work, chronotype and the risk of cardiometabolic disturbancesGerben Hulsegge1,2, Susan Picavet2, Allard van der Beek1, Monique Verschuren2,3, Jos Twisk1, Karin Proper11VU Medical Center and Amsterdam Public Health Research Institute, Amsterdam, The Netherlands, 2National Institute for Public Health and the Environment, Bilthoven, The Netherlands, 3University Medical Center Utrecht, Utrecht, The Netherlands |
| 008611:30-11:45 |   | Shiftwork, circadian disruption and breast cancer: A first application of the chronobiological theory and practical challenges within the Australian BCEE studyLin Fritschi1, Valèrie Groß2, Ursula Wild2, Jane Heyworth3, Deborah Glass4, Thomas Erren21Curtin University, Perth, Australia, 2University of Cologne, Cologne, Germany, 3University of Western Australia, Perth, Australia, 4Monash University, Melbourne, Australia |
| 011111:45-12:00 |   | The association between work schedule control and nurses’ burnout in TaiwanTing-Ti Lin1, Judith Shu-Chu Shiao2, Yue-Liang Guo3,4, Yi-Chuan Chen2, Yu-Ju Li2, Jiune-Jye Ho51College of Nursing, University of Illinois at Chicago, Chicago, USA, 2School of Nursing, College of Medicine, National Taiwan University, Taipei City, Taiwan, 3Department of Environmental and Occupational Medicine, National Taiwan University (NTU) and NTU Hospital, Taipei City, Taiwan, 4Institute of Occupational Medicine and Industrial Hygiene, School of Public Health, National Taiwan University, Taipei City, Taiwan, 5Institute of Labor, Occupational Safety and Health, Ministry of Labor, New Taipei City, Taiwan |
| 026112:00-12:15 |   | The effects of night work and light exposure on salivary melatonin concentration during work days and days off Stine Daugaard1, Anne Helene Garde2,3, Jens Peter Bonde3,4, Jens Christoffersen5, Aase Marie Hansen3, Jakob Markvart6, Vivi Schlünssen2,7, Debra Skene8, Helene Tilma Vistisen1, Henrik Kolstad11Department of Occupational Medicine, Danish Ramazinni Centre, Aarhus University Hospital, Aarhus, Denmark, 2National Research Centre for the Working Environment, Copenhagen, Denmark, 3Institute of Public Health, Copenhagen University, Copenhagen, Denmark, 4Department of Occupational Medicine, Bispebjerg Hospital, Copenhagen, Denmark, 5Stakeholder Communications & Sustainability, VELUX, Hørsholm, Denmark, 6Department of Energy Performance, Indoor Environment and Sustainability of Buildings, Danish Building Research Institute, Aalborg University, Copenhagen, Denmark, 7Department of Public Health, Aarhus University, Aarhus, Denmark, 8Chronobiology, Faculty of Health and Medical Sciences, University of Surrey, Guildford, UK |
| 016112:15-12:30 |   | The role of physical activity in the association between shift work and body mass index.Johan Werkhoven1, Bette Loef1,2, Karin Proper11National Institute for Public Health and the Environment, Bilthoven, The Netherlands, 2Department of Public and Occupational Health, VU University Medical Center Amsterdam, Amsterdam, The Netherlands |
| Cancer 2, followed by discussion |
| **11:15-12:45** | **Fintry** | **Chair: Frank de Vocht & Susan Peters** |
| 028611:15-11:30 |   | Occupational exposure to gasoline and diesel exhausts and the risk of kidney cancer in Canadian menCheryl Peters1, Marie-Elise Parent2, Shelley Harris3,4, Lidija Latifovic3,4, Linda Kachuri3,4, Laura Bogaert4, Canadian Cancer Registries Group1, Paul Villeneuve11Carleton University, Ottawa, Canada, 2Institut Armand-Frappier, Institut national de la recherche scientifique, Montreal, Canada, 3Cancer Care Ontario, Toronto, Canada, 4University of Toronto, Toronto, Canada |
| 015311:30-11:45 |   | Risk of bladder cancer in a cohort of chemical workersDirk Taeger1, Beate Pesch1, Bierfreund Kay-Gerald2, Christoph Oberlinner3, Gabriele Leng2, Stenzl Arnulf4, Matthias Kluckert5, Thomas Brüning11Institute for Prevention and Occupational Medicine of the German Social Accident Insurance, Institute of the Ruhr-Universität Bochum (IPA), Bochum, Germany, 2Department of Health Protection and Occupational Safety, Currenta GmbH & Co. OHG, Leverkusen, Germany, 3Occupational Medicine and Health Protection, BASF SE, Ludwigshafen, Germany, 4Institute of Urology, Eberhard Karls University, Tübingen, Germany, 5German Social Accident Insurance’s Institution for the Raw Materials and Chemical Industry (BG RCI), Heidelberg, Germany |
| 036111:45-12:00 |   | A 49-year follow-up of mortality in the British rubber industryWill Mueller1, Damien McElvenny1, Peter Ritchie1, John Cherrie1,2, Mira Hidajat3, Raymond Agius4, Andrew Darnton5, Frank de Vocht31Institute of Occupational Medicine, Edinburgh, UK, 2Heriot Watt University, Edinburgh, UK, 3University of Bristol, Bristol, UK, 4University of Manchester, Manchester, UK, 5Health and Safety Executive, Bootle, UK |
| 025512:00-12:15 |   | Lifetime cancer risk in the British rubber industry:  a retrospective cohort with 49 year follow-upMira Hidajat1, Damien McElvenny2, Will Mueller2, Peter Ritchie2, John Cherrie2,3, Andrew Darnton4, Raymond Agius5, Frank de Vocht11University of Bristol, Bristol, UK, 2Institute of Occupational Medicine, Edinburgh, UK, 3Heriot Watt University, Edinburgh, UK, 4Health and Safety Executive, Bootle, UK, 5University of Manchester, Manchester, UK |
| 016212:15-12:30 |   | Mortality among autoworkers manufacturing electronics in Alabama, U.S.A.Nathan DeBono, David RichardsonUniversity of North Carolina, Chapel Hill, North Carolina, USA |
| Welding & Metals, followed by discussion |
| **11:15-12:45** | **Moorfoot** | **Chair: Ann Olsson & Caradee Wright** |
| 032911:15-11:30 |   | Occupational exposure to metals and welding fumes, and risk of glioma in the INTEROCC studyMarie-Elise Parent1,4, Michelle C Turner2,3, Jérôme Lavoué4,6, Hugues Richard1, Jordi Figuerola2,3, Laurel Kincl5, Lesley Richardson6, Geza Benke7, Maria Blettner8, Sarah Fleming9, Martine Hours10, Daniel Krewski11, David McLean12, Siegal Sadetzki13,14, Klaus Schlaefer15, Brigitte Schlehofer15, Joachim Schüz16, Jack Siemiatycki4,6, Martie van Tongeren17,181INRS-Institut Armand-Frappier, Laval, Quebec, Canada, 2Barcelona Institute for Global Health (ISGlobal), Barcelona, Spain, 3Universitat Pompeu Fabra (UPF), Barcelona, Spain, 4University of Montreal, Montreal, Quebec, Canada, 5Oregon State University, Corvallis, Oregon, USA, 6University of Montreal Hospital Research Centre, Montreal, Quebec, Canada, 7Monash University, Melbourne, Australia, 8Johannes-Gutenberg University Mainz, Mainz, Germany, 9University of Leeds, Leeds, UK, 10Université de Lyon, Lyon, France, 11University of Ottawa, Ottawa, Ontario, Canada, 12Massey University, Wellington, New Zealand, 13Chaim Sheba Medical Center, Tel Aviv, Israel, 14Tel-Aviv University, Tel Aviv, Israel, 15German Cancer Research Center (DKFZ), Heidelberg, Germany, 16International Agency for Research on Cancer, Lyon, France, 17Institute of Occupational Medicine, Edinburgh, UK, 18University of Manchester, Manchester, UK |
| 038711:30-11:45 |   | Welding and the risk of head and neck cancer: results from the ICARE studyChristine Barul1, Mireille Matrat2, Isabelle Stücker2, Danièle Luce11INSERM U1085-IRSET, Pointe-à-Pitre, France, 2INSERM U1018 - CESP, Villejuif, France |
| 044611:45-12:00 |   | Risk of cancer in a prospective cohort of Danish metal weldersJohnni HansenDanish Cancer Society Research Center, Copenhagen, Denmark |
| 047312:00-12:15 |   | Sinonasal cancers and occupational exposures, a population-based case-control studyCarolina Mensi1, Michele Carugno2, Angela Cecilia Pesatori2,1, Barbara Dallari1, Luciano Riboldi1, Consonni Dario11Department of Preventive Medicine, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy, 2Department of Clinical Sciences and Community Health, Università degli Studi di Milano, Milan, Italy |
| 029512:15-12:30 |   | Urinary cadmium concentration and mammographic volumetric density - preliminary resultsBeata Peplonska, Beata Janasik, Pawel Kaluzny, Paulina NowakNofer Institute of Occupational Medicine, Lodz, Poland |
| Injuries & Violence |
| **11:15-12:45** | **Tinto** | **Chair: Peter Smith & Mehrzan Ebrahemzadih** |
| 038211:15-11:30 |   | Increasing male/female inequalities in rates of workplace violence in Ontario between 2002 and 2014: A comparison of two data sources.Peter Smith1,2, Cynthia Chen11Institute for Work & Health, Toronto, Ontario, Canada, 2Monash University, Melbourne, Victoria, Australia |
| 000911:30-11:45 |   | Ergonomic hazards and injuries among small scale miners in the PhilippinesJinky Leilanie LuNational Institutes of Health with the Institute of Health Policy and Development Studies, University of the Philippines Manila, Manila, The Philippines |
| 010611:45-12:00 |   | Association between high temperature and work-related injuries in Guangzhou, ChinaRongrong Sheng, Changchang Li, Cunrui HuangSchool of Public Health, Sun Yat-sen University, Guangzhou, China |
| 008512:00-12:15 |   | Injury reporting, employer lodgement and compensation payment delays and duration of wage replacement in injured workers.Fiona Cocker1, Peter Smith2,3, Helen Kelsall1, Malcolm Sim11Monash University, Melbourne, Victoria, Australia, 2Institute for Work and Health, Toronto, Canada, 3Dalla Lana School of Public Health, University of Toronto, Toronto, Canada |
| 042312:15-12:30 |   | Geospatial trends in occupational injury and workers' compensation utilizationKatherine Schofield, Laure CharleuxUniversity of Minnesota Duluth, Duluth, MN, USA |
| 006812:30-12:45 |   | Using workers compensation data to estimate injury patterns in inter-provincial workersNicola Cherry, Whitney HaynesUniversity of Alberta, Edmonton, Alberta, Canada |
| Pesticide & Farming, followed by discussion |
| **11:15-12:45** | **Kilsyth** | **Chair: Laura Beane Freeman & John Cherrie** |
| 011511:15-11:30 |   | Gender and proportionate mortality by acute occupational pesticides poisoning among agricultural workers in BrazilMaria Moura-Luna, Vilma Santana, Yukari MiseFederal University of Bahia, Salvador, bahia, Brazil |
| 018911:30-11:45 |   | Work-related snake bites injuries among farmers in BrazilYukari Figueroa Mise, Tatiane Costa Meira, Maria Claudia Peres Moura Luna, Vilma Sousa SantanaUniversidade Federal da Bahia, Salvador, Bahia, Brazil |
| 032011:45-12:00 |   | Indirect parent-mediated pathways of child exposure to 2,4-d and chlorpyrifos in farm familiesAshley Hernandez1, Timothy Church1, Jack Mandel2, Bruce Alexander11University of Minnesota School of Public Health, Minneapolis, MN, USA, 2Exponent Inc., Oakland, CA, USA |
| 037412:00-12:15 |   | Multi-criteria decision analysis (MCDA) comparing agricultural production methods: Protocol for analysing British Columbia (BC) blueberries and Ecuador bananasRami El-Sayegh, Jerry Spiegel, Craig MittonUniversity of British Columbia, Vancouver, Canada |
| 044112:15-12:30 |   | Exposure to dinitroanilines and risk of lung cancer (LC) by subtypes: results from the AGRICAN cohortMathilde Boulanger1,2, Séverine Tual1,4, Clémentine Lemarchand1,4, . Francim-Agrican group7, Isabelle Baldi5,6, Bénédicte Clin1,2, Pierre Lebailly1,21INSERM U1086, Caen, France, 2Université de Caen Normandie, Caen, France, 3Service de Pathologie professionnelle, CHU de Caen, Caen, France, 4Centre François Baclesse, Caen, France, 5ISPED, Laboratoire Santé Travail Environnement, Université de Bordeaux, Bordeaux, France, 6INSERM, ISPED, Centre INSERM U897 – Epidémiologie- Biostatistique, Bordeaux, France, 7Francim-Agrican group, ., France |
| Lunch |
| **12:45-13:45** | **Cromdale** |   |
| Poster session 3 |
| **12:45-14:15** | **Cromdale** |   |
| 0010 |   | Epidemiology of road crash and accident fatalities among bus and truck drivers: Vulnerable occupational groupSophia Francesca LuCollege of Arts and Sciences, University of the Philippines Manila, Manila, The Philippines |
| 0011 |   | Knowledge and risk perception of lassa fever in primary health care workers in a semi-urban district, northwestern NigeriaAisha Abubakar1,2, Salihu Mamman1, Abdulrazaq Abdullahi Gobir1, Ahmad Ayuba Umar1, Muhammad Sani Ibrahim1, Suleiman Saidu Bashir11Ahmadu Bello University, Zaria, Kaduna state, Nigeria, 2Global Partnership Initiated Biosecurity Academia for Controlling Health Threats (GIBACHT), Hamburg, Germany |
| 0016 |   | Association between PM 2.5 exposure and lipid peroxidation was confirm by repeated measurements longitudinal study with a proper interaction termWei-Te Wu, Wei-Jin Li, Hui-Yi Liao, Saou-Hsing LiouNational Health Research Institutes, Miaoli county, Taiwan |
| 0023 |   | A prospective cohort study of the impact of return-to-work Coordinators in getting injured workers back on the jobTyler Lane1,2, Rebbecca Lilley3, Sheilah Hogg-Johnson4,5, Tony LaMontagne6, Malcolm Sim1, Peter Smith41School of Public Health and Preventive Medicine, Melbourne, Victoria, Australia, 2Institute for Safety, Compensation and Recovery Research, Monash University, Melbourne, Victoria, Australia, 3Dunedin School of Medicine, University of Otago, Dunedin, New Zealand, 4Institute for Work and Health, Toronto, Ontario, Canada, 5Dalla Lana School of Public Health, University of Toronto, Toronto, Ontario, Canada, 6Centre for Population Health Research, Deakin University, Melbourne, Victoria, Australia |
| 0028 |   | Job stress and glycemic levels: The role of gender and educational level in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil).Raíla Santos1, Fabíola Eto1, Rosane Griep2, Enirtes Melo11National School of Public Health - Fundacao Oswaldo Cruz, Rio de Janeiro - RJ, Brazil, 2Oswaldo Cruz Institute - Oswaldo Cruz Foundation, Rio de Janeiro - RJ, Brazil |
| 0029 |   | Trend study of metabolic syndrome in a working population from a developing nation to control prevalence of non-communicable diseasesRajat Kumar SahaHero MotoCorp Ltd, Dharuhera, Haryana, India |
| 0033  |   | A survey of child laborers among Syrian refugees in Agrarian LebanonRima HabibAmerican University of Beirut, Beirut, Lebanon |
| 0045  |   | Reporting Bias in observational epidemiologic research on phthalatesGerard Swaen, Miriam Urlings, Maurice ZeegersMaastricht University, Maastricht, The Netherlands |
| 0048  |   | The two-decade contribution of occupational medicine training in Thailand — experience from the foundation toward the future.Jate Ratanachina1, Pornchai Sithisarankul21Department of Preventive and Social Medicine, King Chulalongkorn Memorial Hospital, The Thai Red Cross Society, Bangkok, Thailand, 2Department of Preventive and Social Medicine, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand |
| 0055 |   | The health risks of occupational exposure to n-hexane in printing industryHe Jia-XiShenzhen Center for Occupational Disease Prevention and Treatment, Shenzhen,Guangdong, China |
| 0056 |   | Investigation on occupational exposure to non-ionizing radiation in physiotherapy workplacesYang Jing, He Jia-XiShenzhen Center for Occupational Disease Prevention and Treatment, Shenzhen,Guangdong, China |
| 0063 |   | A literature review of workplace interventions with respect to risk management measures and their impact on occupational exposure levels to hazardous substancesSusann WotheFederal Institute for Occupational Safety and Health (BAuA), Unit 4.1 Exposure Scenarios, Dortmund, North Rhine-Westphalia, Germany |
| 0072 |   | Oil mist, from exposure determinants to early effect markers: an integrative study designSébastien Hulo3, Eve Bourgkard1, Jean-Jacques Sauvain2, Valérie Demange1, Nancy Hopf2, Yves Guichard1, Fanny Jeandel1, Jean-Louis Edmée3, Nathalie Chérot3, Pascal Wild1,21INRS, Vandoeuvre, France, 2IST, Lausanne, Switzerland, 3CHU Lille, EA 4483 - IMPECS – IMPact de l’Environnement Chimique sur la Santé humaine, Lille, France |
| 0076 |   | Investigation of occupational health hazards among grass trimmer operatorsShih-Yi Lu1, Yen-Hui Lin1, Kuei-Yi Lin21Chung Shan Medical University, Taichung City, Taiwan, 2Institute of Labor, Occupational Safety and Health, New Taipei City, Taiwan |
| 0077 |   | Should occupational health patients receive the medical records concerning their medical visit?Shlomo Moshe1,2, Nasrin Kabaha2, Ayala Krakov1,21Maccabi Healthcare Services, Holon, Israel, 2Tel Aviv University, The Division of Environmental and Occupational Medicine, Israel |
| 0083 |   | Market variability- safety fluctuations. Mineral prices and OHS among Bolivian cooperative miners.Mei TruebaUniversity of Sussex, Brighton, UK |
| 0093 |   | Work stress measures are associated with health and physical function around the age of retirement: findings from the Hertfordshire cohort studyMartin Stevens, Holly Syddall, Catherine Linaker, Stefania D'Angelo, Karen Walker-BoneMRC Lifecourse Epidemiology Unit, University of Southampton, Hampshire, UK |
| 0096 |   | Body mass index (BMI), chronic musculoskeletal pain and adverse employment outcomes in older workers: the Health and Employment After Fifty (HEAF) Study.Stefania D'Angelo1,2, Keith Palmer1,2, Karen Walker-Bone1,2, Clare Harris1,2, David Coggon1,2, Cathy Linaker1,21MRC Lifecourse Epidemiology Unit University Of Southampton, Southampton, UK, 2Arthritis Research UK/MRC Centre for Musculoskeletal Health and Work, Southampton, UK |
| 0098 |   | Evaluation of sleep problems and sleep hygiene for shift workers in Korean steel manufacturing companyJi-Won Lee1, Hyoung-Ryoul Kim1, Taewon Jang2, Hye-Eun Lee3, Junsu Byun1, Seyoung Lee11Department of Occupational and Environmental Medicine, College of Medicine, the Catholic University of Korea, Seoul, Republic of Korea, 2Department of Occupational and Environmental Medicine, Hanyang University Guri Hospital, Guri, Republic of Korea, 3Department of Occupational and Environmental Medicine, College of Medicine, Kyung Hee University, Seoul, Republic of Korea |
| 0120 |   | Predicting long-term sickness absence and supporting return-to work processes, a quantitative researchKaat Goorts1, Christiane Duchesnes3, Sofie Vandenbroeck1,2, Dorina Rusu3, Marc Du Bois1, Philippe Mairiaux3, Lode Godderis1,21KU LEUVEN, Leuven, Belgium, 2IDEWE, Leuven, Belgium, 3Université Liege, Liege, Belgium |
| 0128 |   | The economic burden of occupational heat illnesses in Adelaide, South Australia, 2001-2015Jianjun Xiang, Alana Hansen, Dino Pisaniello, Peng BiSchool of Public Health, The University of Adelaide, Adelaide, South Australia, Australia |
| 0144 |   | Assessing and addressing non-response at follow-up in the GuLF STUDYJean Strelitz1, Alex Keil1, David Richardson1, Marilie Gammon1, Richard Kwok2, Dale Sandler2, Lawrence Engel1,21University of North Carolina at Chapel Hill, Chapel Hill, NC, USA, 2National Institute of Environmental Health Sciences, Research Triangle Park, NC, USA |
| 0151 |   | Systematic review of workplace interventions for reducing occupational sittingLotte Röder, Eva Backé, Ute Latzab a u a : Federal Institute for Occupational Safety and Health, Berlin, Germany |
| 0194 |   | Prevalence of olfactory dysfunction according to occupational chemical exposure by manufacturing industriesGayoung Lim1, Soojin Park1, Sujin Lee2, Tae-Won Jang2, Inah Kim1,2, Seokhyun Cho3, Jaechul Song1,2, Eunmi Kim11Graduate School of Public Health, Hanyang University, Seoul, Republic of Korea, 2Occupational and Environmental Medicine, Hanyang University, Seoul, Republic of Korea, 3Otorhinolaryngology-Head and Neck Surgery, Hanyang University, Seoul, Republic of Korea |
| 0214 |   | Transitions of Blood Lead Levels of Preschool Children across Countries of Various Extent of DevelopmentYaw-Huei Hwang, Pei-Wen LinInstitute of Occupational Medicine and Industrial Hygiene, College of Public Health, National Taiwan University, Taipei, Taiwan |
| 0217 |   | Mesothelioma and cancer of the pleura deaths - recovering missing cases from hospital recordsVilma Santana1, Eduardo Algranti2, Felipe Campos1, Franciana Cavalcante1, Ricardo Lorenzi2, Rosemairy Inamine3, William Souza4, Simone Santos31Federal University of Bahia, Salvador, Bahia, Brazil, 2Fundacentro, São Paulo, SP, Brazil, 3National Health System, São Paulo, SP, Brazil, 4Public Ministry, Goiania, GO, Brazil |
| 0223 |   | Occupational heat exposures in industries and renal health – Findings from IndiaVidhya Venugopal, Latha Kamalkannan, Rekha Shanmugam, Manikandan Krishnamoorthy, Jeremiah Chinnadurai, Kumaravel PerumalSri Ramachandra University, Porur, Chennai, Tamilnadu, India |
| 0226 |   | Affection in the auditory brainstem pathway associated with occupational, low-level exposure to ethylbenzeneOctavio Jiménez-Garza1, Sergio Márquez-Gamiño1, Liliana Ruiz-García1, Giovanni Battista Bartolucci2, Mariella Carrieri21Universidad de Guanajuato Campus León, Health Sciences Division, Leon, Guanajuato, Mexico, 2University of Padova, Department of Cardiologic, Thoracic and Vascular Science, Padova, Veneto, Italy |
| 0230 |   | The relationship between shift work and metabolic syndrome among electronics industry workersSae-Young Lee1, Gyeongho Lee1, Sojung Lee1, Hyunjoo Kim2, Chung Won Kang2, Jungyeon Hong3, Mo-Yeol Kang41Safety health environment R&D team, SK hynix, Icheon-si Gyeonggi-do, Republic of Korea, 2Department of Occupational and Environmental Medicine, Ewha Womens University Mok-dong Hospital, Seoul, Republic of Korea, 3Hanshin Medipia, Seoul, Republic of Korea, 4Seoul St. Mary's Hospital, Seoul, Republic of Korea |
| 0245 |   | Big data and occupational health vigilance: use of French medico-administrative databases for hypothesis generation regarding occupational risks in agricultureCharlotte Maugard1,2, Delphine Bosson-Rieutort1,2, Olivier François2, Vincent Bonneterre1,31Grenoble-Alpes University (UGA)/ TIMC-IMAG Laboratory (UMR CNRS 5525) / EPSP Team (Environment and Health Prediction of Populations), Grenoble, France, 2Grenoble-Alpes University (UGA) / TIMC-IMAG Laboratory (UMR CNRS 5525) / BCM Team (Computational and Mathematical Biology), Grenoble, France, 3Modernet Network, -, France |
| 0260 |   | Visualising the unemployment-to-employment transitions to explore factors influencing return to work in the Work Programme: results from the Supporting Older People into Employment (SOPIE) cohortJudith Brown1, Ronald McQuaid2, Srinivasa Vittal Katikireddi3, Alastair Leyland3, John Frank4, Oarabile R Molaodi3, Ewan B Macdonald11Healthy Working Lives Group, Institute of Health and Wellbeing, University of Glasgow, Glasgow, UK, 2Stirling Management School, University of Stirling, Stirling, UK, 3MRC/CSO Social and Public Health Sciences Unit, Institute of Health and Wellbeing, University of Glasgow, Glasgow, UK, 4Scottish Collaboration for Public Health Research and Policy, University of Edinburgh, Edinburgh, UK |
| 0266 |   | Designing of new low cost simulator for training ergonomic laparoscopic skillsRiin Raimla, Eda Merisalu, Märt ReinveeEstonian University of Life Sciences, Tartu, Tartu County, Estonia |
| 0270 |   | Mortality from lung cancer in occupations with exposure to asbestos among men in England and Wales (1979-2010)E Clare Harris1, Stefania D’Angelo1, Keith T Palmer1, Vanessa Cox1, Andrew Darnton2, David Coggon11MRC Lifecourse Epidemiology Unit, University of Southampton, Southampton, UK, 2Statistics and Epidemiology Unit, Health and Safety Executive, Bootle, UK |
| 0273 |   | Teachers' well-being at work and quality of life: any differences according to years of experience?Laurent Zavidovique, Fabien Gilbert, Marie-Noël VercambreFondation d'entreprise MGEN pour la santé publique, Paris, France |
| 0276 |   | Predictors of return to work 12 months after solid organ transplantation: results from a cohort study in SwitzerlandLaure Vieux1, Amira Simcox1, Zakia Mediouni1,2, Pascal Wild1, Michael Koller3, Regina Studer1, Brigitta Danuser11Institut universitaire romand de Santé au Travail, Epalinges - Lausanne, Vaud, Switzerland, 2Inserm, population-based epidemiological cohorts unit, UMS 011, Villejuif, Ile-de-France, France, 3Basel Institute for Clinical Epidemiology and Biostatistics, University Hospital Basel, Basel, Basel, Switzerland |
| 0287 |   | Return to work and quality of life after occupational injuryPo-Ching Chu1,2, Chien-Hsieh Chiang4, Yue Leon Guo1,3, Pau-Chung Chen11National Taiwan University College of Medicine, Taipei, Taiwan, 2National Taiwan University Hospital, Hsin-Chu Branch, Hsin-Chu, Taiwan, 3National Institute of Environmental Health Sciences, National Health Research Institutes, Zhunan, Taiwan, 4National Taiwan University Hospital Yun-Lin Branch, Yun-Lin, Taiwan |
| 0293 |   | Current research priorities for UK occupational physicians and occupational health researchers - a modified Delphi study.Drushca Lalloo1, Evangelia Demou2, Julia Smedley3, Ira Madan4, Kaveh Asanati5, Ewan. B. Macdonald11Healthy Working Lives Group, Institute of Health and Wellbeing, College of Medical, Veterinary and Life Sciences, University of Glasgow, G12 8RZ, Glasgow, UK, 2MRC/CSO Social and Public Health Sciences Unit, Institute of Health and Wellbeing, College of Medical, Veterinary and Life Sciences, University of Glasgow, G2 3QB, Glasgow, UK, 3Occupational Health Department, University Hospital Southampton NHS Foundation Trust, Residence Block 4, MP100, Southampton General Hospital, Tremona Rd, SO16 3YD, \* on behalf of the FOM, Southampton, UK, 4Guy’s & St Thomas’ NHS Foundation Trust and King’s College London. Occupational Health Department, The Education Centre, St Thomas' Hospital, Westminster Bridge Road, SE1 7EH, \* on behalf of the FOM, London, UK, 5Imperial College London, National Heart & Lung Institute, Respiratory Epidemiology, Occupational Medicine and Public Health, Emmanuel Kaye Building, 1b Manresa Road, SW3 6LR, London, UK |
| 0308 |   | A Brazilian look at occupational health and safety in the USA: observation and learning with COSH groupsSandra Cavalcante1, Rodolfo Vilela1, Carlos Siqueira21School of Public Health - University of São Paulo, São Paulo/SP, Brazil, 2College of Public and Community Service - University of Massachusetts, Boston/MA, USA |
| 0312 |   | Impact of psoriasis in the workplace: Results of the French survey PsoPRO (Psoriasis & PROfessional life)Yves Roquelaure1, Herve Bachelez2, Pascal Claudepierre3, Roverte Aubert4, Pierre Levy51CHU Angers, Angers, France, 2AP-HP Hôpital Saint-Louis, Sorbonne Paris Cité Université Paris Diderot, INSERM UMR1163, Institut Imagine, Paris, France, 3CHU Henri Mondor Créteil, Creteil, France, 4Patient advocacy groups France Psoriasis, Paris, France, 5Université Paris-Dauphine, PSL Research University, LEDa[LEGOS], Paris, France |
| 0335 |   | TNF-α gene polymorphisms may be associated with interactive effects of blood multi-elements in metal industrial workersHung-Yi Chuang1,2, Tzu-Hua Chen2,3, Joh-Jong Huang2,41Department of Occupational and Environmental Medicine in Kaohsiung Medical University Hospital, Kaohsiung, Taiwan, 2Kaohsiung Medical University, Kaohsiung, Taiwan, 3Department of Family Medicine in Kaohsiung Municipal Ta-Tung Hospital, Kaohsiung, Taiwan, 4Department of Family Medicine in Kaohsiung Medical University Hospital, Kaohsiung, Taiwan |
| 0345 |   | The role of the occupational physician in the diagnosis and prevention of occupational diseases in the 21the century.Bieke Claesen1,2, Antoon De Schryver1,21University of Antwerp, Antwerp, Belgium, 2IDEWE, Heverlee, Belgium |
| 0349 |   | Occupational health and safety knowledge users' perspectives about research useDwayne Van Eerd1,2, Siobhan Cardoso1, Emma Irvin1, Ron Saunders1, Trevor King1, Sara Macdonald11Institute for Work & Health, Toronto, Ontario, Canada, 2School of Public Health and Health Systems, University of Waterloo, Waterloo, Ontario, Canada |
| 0351 |   | National prevalence of occupational noise exposureLin Fritschi1, Katherine Lewkowski1, Jane Heyworth2, Ian Li2, Kahlia McCausland1, Warwick Williams31Curtin University, Perth, Australia, 2University of Western Australia, Perth, Australia, 3National Acoustic Laboratories, Sydney, Australia |
| 0365 |   | Estimation of the burden of chronic obstructive pulmonary disease due to occupation in Great BritainSally Hutchings1, Lesley Rushton1, Steven Sadhra2, David Fishwick3,41Imperial College London, Department of Epidemiology and Biostatistics, London, UK, 2Occupational and Environmental Medicine, College of Medical and Dental Sciences, University of Birmingham, Birmingham, UK, 3Health and Safety Laboratory, Buxton, UK, 4Infection, Immunity & Cardiovascular Disease, University of Sheffield, Sheffield, UK |
| 0377 |   | Climate change and changing prevalence of allergic disease in Taiwanese adolescents: Three nationwide surveys 15 years apartYue Leon Guo1,2, Chi-Hsien Chen2, Bing-Yu Chen11National Institute of Environmental Health Sciences National Health Research Institutes, Taipei, Taiwan, 2Department of Environmental and Occupational Medicine, National Taiwan University (NTU) College of Medicine and NTU Hospital, Taipei, Taiwan |
| 0378 |   | Occupational PM2.5 exposures and pulmonary function decline: an application of the parametric g-formula in a US aluminum industry cohort.Andreas Neophytou1, Sadie Costello1, Daniel Brown1, Elizabeth Noth1, Sa Liu1, S. Katharine Hammond1, Mark Cullen2, Ellen Eisen11Division of Environmental Health Sciences, School of Public Health, University of California, Berkeley, Berkeley, CA, USA, 2Department of Medicine, Stanford University, Palo Alto, CA, USA |
| 0383 |   | Caring for care-givers: Testing the impact of a management-driven health interventions on job satisfaction and retention of elder-care employeesCatherine Babcanec1, Christina Rosebush1, Patricia McGovern1, Jean Bey2, Hyun Kim11University of Minnesota School of Public Health, Minneapolis, MN, USA, 2Vista Prairie Communities, Hopkins, MN, USA |
| 0384 |   | Endotoxin exposure and lung disease in sawmill workers: a cohort studyHanchen Chen1,2, George Astrakianakis1, Paul Demers3, Hugh Davies11University of British Columbia, Vancouver, British Columbia, Canada, 2Interior Health Authority, Kelowna, British Columbia, Canada, 3Occupational Cancer Research Center, Toronto, Ontario, Canada |
| 0390 |   | Preventing work disability in workers with depression: research to practiseEmma Irvin1, Dwayne Van Eerd1,2, Kim Cullen1, Ron Saunders11Institute for Work & Health, Toronto, Ontario, Canada, 2School of Public Health and Health Systems, University of Waterloo, Waterloo, Ontario, Canada |
| 0397 |   | Detection of occupation injury and illness through surveillance at emergency room at a medical center in Tainan, TaiwanTing-Chia Weng1, I-Lin Hsu2,3, Chia-Chang Chuang2, Heng-Hao Chang1, Chen-Long Wu1,4, Jung-Der Wang1,3, How-Ran Guo1,4, Yau-Chang Kuo1,41Department of Occupational and Environmental Medicine, National Cheng Kung University Hospital, Tainan, Taiwan, 2Department of Emergency Medicine, National Cheng Kung University Hospital, Tainan, Taiwan, 3Department of Public Health, College of Medicine, National Cheng Kung University, Tainan, Taiwan, 4Department of Environmental and Occupational Health, National Cheng Kung University, Tainan, Taiwan |
| 0401 |   | Inequalities in labour force participation among persons with a chronic illness: a comparative analysis in 26 European countries in five regions.Jolinda Schram, Merel Schuring, Alex BurdorfErasmus University Medical Center, Rotterdam, The Netherlands |
| 0406 |   | Analysis of infectious disease prevalence among semiconductor manufacturing workers with non-Hodgkin's lymphomaJung-min Sung, Sang-gil Lee, Eun-A KimKOSHA, Ulsan, Republic of Korea |
| 0414 |   | Retrospective changes in lung function of serving Scottish firefighters during their careersChristopher Ide1,21Health Management Ltd, Altrincham, UK, 2Healthy Working Lives Group, University of Glasgow, Glasgow, UK |
| 0426 |   | Chronic cadmium intoxication with renal injury among workers in a small-scale silver soldering companyWon-Jun Choi, Seong-Kyu KangGachon University Gil Medical Center, Incheon, Republic of Korea |
| 0431 |   | How can we avoid re-identification risk in big-data analysis? Proposition of a new strategy of geographical subdivisions using GIS toolsCharlotte Maugard1,2, Christophe Cancé3, Pauline Achard1, Olivier François2, Vincent Bonneterre1,4, Delphine Bosson-Rieutort1,21Grenoble-Alpes University (UGA)/ TIMC-IMAG Laboratory (UMR CNRS 5525) / EPSP Team (Environment and Health Prediction of Populations), Grenoble, France, 2Grenoble-Alpes University (UGA) / TIMC-IMAG Laboratory (UMR CNRS 5525) / BCM Team (Computational and Mathematical Biology), Grenoble, France, 3Grenoble-Alpes University (UGA) / UMS GRICAD, Grenoble, France, 4Grenoble-Alpes Teaching Hospital (“CHU Grenoble-Alpes”) / Occupational Medicine and Health Department, Grenoble, France |
| 0437 |   | Effect of age and body mass index as risk factor for occupational contingencies in healthcare workers.Gonzalo Aicardi, Jonathan Alvarez, Fatima Cotobal, Marta Hernandez, Mercedes Cumplido, Lourdes BarruecoSACYL, Salamanca, Castile and leon, Spain |
| 0440 |   | Shoulder repetitiveness exposure threshold detection using adjusted hazard multivariate parametric modeling for Cumulative Trauma Disorders (CTD) prevention and causal assessment.David Alvarez Rincón2,3, Luisa Perez41ICOH member, Milano, Italy, 2EPICOH member, Utrecht, The Netherlands, 3Provincial Workers´ Compensation Board, Cali, Colombia, 4University of Alberta OHS certificate, Edmonton, Canada |
| 0443 |   | Sandstone mining: peril of silicosisAshish Mittal1, Mohit Gupta21OHS-MCS, Faridabad, Haryana, India, 2OEHNI, New Delhi, India |
| 0445 |   | A review of audiometric criteria for identifying noise-induced hearing loss among working adult populationsLaura Bogaert1,2, Jonathan Fan1,2, Peter Smith2,1, Cameron Mustard2,11University of Toronto, Toronto, ON, Canada, 2Institute for Work and Health, Toronto, ON, Canada |
| 0450 |   | Preventing and promoting musculoskeletal health at the workplace through the design and evaluation of an innovative multicomponent intervention: the INTEVAL\_Spain projectConsol Serra1,4, Sergio Vargas-Prada2,5, Mercè Soler2,4, Jose Maria Ramada3,1, Pilar Peña6, Anna Amat2, Ewan B. Macdonald7, Antoni Merelles8, Ana Maria Garcia91Hospital del Mar Medical Research Institute (IMIM), Barcelona, Spain, 2CiSAL-Centre of Research in Occupational Health, University Pompeu Fabra, Barcelona, Spain, 3Occupational Health Service, Parc de Salut Mar, Barcelona, Spain, 4CIBER in Epidemiology and Public Health (CIBERESP), Spain, Spain, 5Unidad Central de Contingencias Comunes, Mutua Asepeyo, Barcelona, Spain, 6Occupational Health Service. Corporació Parc Taulí, Sabadell, Spain, 7Healthy Working Lives Group, University of Glasgow, Glasgow, UK, 8d’Infermeria. Facultat d’Infermeria i Podologia. Universitat de València, Valencia, Spain, 9Direcció General de Salut Pública. Conselleria de Sanitat Universal i Salut Pública. Generalitat Valenciana, Valencia, Spain |
| 0458 |   | Should occupational epidemiologists consider a new paradigm? The occupational cancer caseCharles-Olivier Betansedi1,21Paris-Saclay/ Paris-Sud University, Kremlin Bicetre, France, 2INSERM CESP U1018, Kremlin Bicetre, France |
| 0465 |   | Gender, age, and the changing burden of work-related disability in Canada and AustraliaRobert Macpherson1, Tyler Lane2, Alex Collie2, Mieke Koehoorn1, Peter Smith2,3, Benjamin Amick3, Sheilah Hogg-Johnson3, Christopher McLeod1,31University of British Columbia, Vancouver, British Columbia, Canada, 2Monash University, Clayton, Victoria, Australia, 3Institute for Work & Health, Toronto, Ontario, Canada |
| 0472 |   | A global perspective on coal-fired power plants and cardiovascular diseases.Bibhaw Pokharel, David C Christiani, Chen-Kuan LinHarvard TH Chan School of Public Health, Boston, MA, USA |
| 0479 |   | Occupational health in India: present scenario, challenges and way forward.Jitendra Kumar Meena1,2, Pankaja Raghav21Geetanjali Medical College & Hospital, Udaipur,Rajasthan, India, 2All India Institute of Medical Sciences, Jodhpur, Rajasthan, India |
| EPICOH Early Career Researchers Meeting |
| **13:00-14:00** | **Pentland** | **Chair: Laura Beane Freeman & Neela Guha** |
| EPICOH Discussion - Where to from here to inform future policy? |
| **14:15-15:15** | **Pentland** |   |
|   | Chair: Anthony Newman TaylorPanel: Laura Beane Freeman, Jason Glaser, Tord Kjellstrom, Ira Madan, Malcolm Sim |
| Prize Giving & Future Meetings |
| **15:15-15:45** | **Pentland** | **Chair: Roel Vermeulen & Malcolm Sim** |
|   | Peter Noone, ICOH 2018 |
| Meeting close |
| **15:45** |   |   |