

EPICOH 2026 - Schedule

Monday 24 August 2026

- 09:00-12:00 Pre-conference workshop: Shaping the Future of Climate and Occupational Health: From Priorities to Actionable Research and Policy** , Scheele: Samuelssonsalen
Chair: Theo Bodin, Karolinska Institutet, Sweden
- 09:00-11:00 Pre-conference workshop: Development and application of general population job-exposure matrices: past, present, and future** , Scheele: Franklin
Chairs: Calvin Ge; Jia Nie
- 10:00-13:00 Registration in Aula Medica** , Aula Medica: Erling Perssonsalen
- 13:00-13:15 Opening session** , Aula Medica: Erling Perssonsalen
Jenny Selander, Karolinska Institutet, Sweden; Laura Beane E Freeman, US National Cancer Institute, USA;
- 13:15-14:00 Keynote: The New World of Work: Emerging Challenges for Occupational Epidemiology in a hyperflexible labor market**, Theo Bodin , Aula Medica: Erling Perssonsalen
Theo Bodin, Karolinska Institutet, Sweden;
- 14:00-14:30 Panel** , Aula Medica: Erling Perssonsalen
Chairs: Theo Bodin, Karolinska Institutet, Sweden; Jorge Cabita, Senior Research Manager, Unit A – Working Life, Eurofound; Vibe Westh, Head of the Prevention and Research Unit, EU-OSHA; Vidhya Venugopal, Professor and Climate Change Scientist, Sri Ramachandra Institute of Higher Education and Research
- 14:30-15:00 Coffee Break** , Aula Medica: Erling Perssonsalen
- 15:00-15:45 Key Note: New times, old challenges, public policies and outcomes on workers' health in Brazil**, Aula Medica: Erling Perssonsalen
Frida Marina Fischer, University of São Paulo, Brazil;
- 15:45-16:15 Walk to sessions** , Aula Medica: Erling Perssonsalen
- 16:15-17:30 Aging Workforce** , Scheele: Samuelssonsalen
Chairs: Daniel Falkstedt; Karina Undem
- 16:15-16:30 Disparities in Healthy Working Life Expectancy among Economically Active Individuals at Age 50 by Employment Type and Occupation**
Mo-Yeol Kang; Jongin Lee; Munyoung Yang; Marty Lynch; Jaesung Choi
- 16:30-16:45 Improvements in work- and health-related factors and intentions to retire before normative retirement age: A quasi-experimental study**
Joonas Poutanen; Eija Haukka; Matti Joensuu; Tea Lallukka; Jenni Ervasti; Mikko Härmä; Aki Koskinen; Rahman Shiri
- 16:45-17:00 Determinants of high annual sickness absence in older workers: findings from the Health and Employment After Fifty (HEAF) study**
Stefania D'Angelo; Georgia Ntani; Elena Zaballa; Ira Madan; David Coggon
- 17:00-17:15 Diabetes and employment outcomes at older ages: findings from the Health and Employment After Fifty (HEAF) study**
Stefania D'Angelo; Dunya Tomic; Karen Walker-Bone
- 17:15-17:30 The impact of biomechanical and psychosocial exposures on premature labor market exit among older workers in Norway**
Julie Ulstein; Karina Undem; Emil Haals Sundstrup; Morten Birkeland Nilsen; Rachel Louise Hasting
- 16:15-17:30 Disease Surveillance 1** , Scheele: Franklin
Chairs: Norvil Antonio Mera Chu; Wooseong Kim
- 16:15-16:33 Burden of occupational cancers in Italy: the "Big data and deep learning in the surveillance of occupational cancers" project**
Giorgia Stoppa; Annibale Biggeri; Dario Consonni; Claudio Gariazzo; Stefania Massari; Dolores Catelan
- 16:33-16:51 ACTUAL EXPOSURES AND REGULATORY MODELING: A NECESSARY COMPARISON FOR THE PROTECTION OF AGRICULTURAL WORKERS**
Morgane Bresson; Lucie de Graaf; Mathilde Bureau; Yannick Lecluse; Isabelle Baldi; Pierre Lebailly
- 16:51-17:09 Occupational disease monitored by the Korea Occupational Disease Surveillance Center (KODSC)**
Tae-Won Jang; Inah Kim; Hwan-Cheol Kim; Jaebum Park; Kyoung Sook Jeong; Sunhaeng Choi; Insung Chung; Youngki Kim; Chul Gab Lee; Hyung Doo Kim; Yiju Noh
- 17:09-17:30 A literature-based exposure database for welding fumes and constituent metals and implications for exposure assessment and workplace prevention**
Victoria Arrandale; Atif Cader; Meliane Gorman Ng; Hugh Davies

- 16:15-17:30 Cardiovascular Disease 1** , BZ: *Jacob Berzelius*
Chairs: *Paul A Demers; Claudia Lissåker*
- 16:15-16:30 Cardiovascular disease mortality by occupation, United States, 2022-2024
Devan Hawkins; *Paul Landsbergis*
- 16:30-16:45 Occupational patterns of stroke incidence and mortality in a large Canadian cohort
Jeavana Sritharan; *Fanni R Eros; Paul A Demers; Nancy Carnide*
- 16:45-17:00 The demands-control-support work stress model and risk of ischemic heart disease: causal inference based on observational epidemiology
Esben Meulengracht Flachs; *Jens Peter Bonde; Stinna Skaaby; Maureen Dollard; Katherine Margaret Keyes; Annika Rosengren; Ingrid Sivesind Mehlum; Sigurd Mikkelsen*
- 17:00-17:15 Cardiovascular disease mortality among Norwegian offshore petroleum workers: the impact of night shift work
Sara Salvadori; *Sara Nafisi; Lawrence S Engel; Ronnie Babigumira; Nita K Shala; Mieke C Louwe; Eva S Schernhammer; Hans Kromhout; Tom I L Nilsen; Merete D Bugge; Jorunn Kirkeleit; Magne Bråtveit; Sven O Samuelsen; Geir Ø Andersen; Marit B Veierød; Leon AM Berge; Niki Marjerrison; Jo S Stenehjem*
- 17:15-17:30 Does exposure to cumulative occupational lifting affect risk for hypertension in midlife?
Mette Korshøj; *Anne Møller; Karen Allesøe; Volkert Siersma; Rikke Lund; Charlotte Ø Hougaard; Ole Steen Mortensen*
- 16:15-17:30 Night Shift and Cancer** , BZ: *Andreas Vesalius*
Chairs: *Kyriaky Papantoniou; Carolina Bigert*
- 16:15-16:30 Night shift work and risk of breast cancer: a national cohort study of female healthcare workers in Denmark
Henrik Kolstad; *Annett Dalbøge; Jens Peter Bonde; Peer Christiansen; Anne Helene Garde; Johnni Hansen; Mikko Härmä; Ann Dyreborg Larsen; Sadie Costello, University of California, Berkeley School of Public Health, USA; Jesper Medom Vestergaard*
- 16:30-16:45 Genetic susceptibility and night shift work in cancer risk
Kyriaky Papantoniou; *Ana Espinosa; Mariona Bustamante; Nuria Aragones; Gemma Castaño-Vinyals; Vicente Martin; Ines Gomez-Acebo; Marcela Guevara; Adonina Tardon; Ana Molina; Ana Jimenez; Rocío Olmedo-Requena; Rafael Marcos-Gragera; Juan Alguacil; Marina Pollan; Victor Moreno; Manolis Kogevinas, ISGlobal, Spain*
- 16:45-17:00 Night shift work and risk of colorectal cancer in the Norwegian Offshore Petroleum Workers cohort
Ronnie Babigumira; *Inger Kristin Larsen; Marit B Veierød; Tom K Grimsrud; Jo S Stenehjem*
- 17:00-17:15 Night shift work and breast cancer risk: A cohort study based on payroll and survey data from Finland
Mikko Härmä; *Päivi Vanttola; Jenni Ervasti; Aki Koskinen; Johnni Hansen; Rahman Shiri*
- 17:15-17:30 Breast cancer and night work. Findings in an extended and updated cohort of health care workers
Per Gustavsson; *Seth Addo; Carolina Bigert; Maria Albin; Jenny Selander, Karolinska Institutet, Sweden; Emma Brulin*
- 16:15-17:30 Mental Health** , BZ: *Christina Larsson*
Chairs: *Reiner Rugulies; Caleb Leduc*
- 16:15-16:33 Associations between psychosocial working conditions and incidence of major depression and anxiety among workers: a life course perspective
Karen Oude Hengel; *Sander van Zon; Ute Bültmann; Malte van Veen; Ida Madsen*
- 16:33-16:51 Information overload in the workplace—mediator in the association between psychosocial working conditions and emotional exhaustion?
Uwe Rose; *Gisa Junghanns*
- 16:51-17:09 A comparison among employees in Germany and Denmark of associations between quality of leadership and subsequent 5-year development of mental distress
Hermann Burr; *Kathrine Sørensen; Jeppe Karl Sørensen; Louise Dalsager; Ida Madsen; Ina Schöllgen; Angelo D'Errico; Uwe Rose; Reiner Rugulies*
- 17:09-17:30 Longitudinal patterns of work-flexibility and mental health among white-collar workers in the Swedish FLOC cohort
David Hallman; *Christiana Owiredue; Marina Heiden; Gunnar Bergström*
- 19:00-21:00 Welcome Reception at Stockholm City Hall - by invitation of the City and County Council of Stockholm (Region Stockholm)** , *Stockholms stadshus*

Tuesday 25 August 2026

- 09:00-09:50 Keynote: Untangling the Healthy Worker Survivor Effect: Holistic Approaches to Protect Workers from Harm**, **Sadie Costello** , *Aula Medica: Erling Perssonsalen*
Sadie Costello, University of California, Berkeley School of Public Health, USA;
- 09:50-10:15 Coffee Break - Walk to sessions**, *Aula Medica: Erling Perssonsalen*

- 10:15-11:45 Shiftwork** , Scheele: Samuelssonsalen
Chairs: Manolis Kogevinas, ISGlobal, Spain; Tove Nilsson
- 10:15-10:30 Shift work schedule patterns and their association with sleep: results from the SHIFT2HEALTH online survey across eight European countries
Isabel Santonja García-Ramos; Coen Dros; Sandra Haider; Eva Winzer; Maria Wakolbinger; Katrin Scionti; Vanessa Schoissengeier; Magdalena A. Wrzesińska; Katarzyna W. Binder-Olibrowska; Jarosław Rakoczy; Anna Lena Aufschneider; Christina Höfler; Marlies Wallner; Catalina Cuparencu; Karl-Heinz Wagner; Hendrik C. Boshuizen; Monique H. Vingerhoeds; Heidi Lammers-van der Holst; Kyriaky Papantoniou
- 10:30-10:45 The role of occupational factors in the association of shiftwork and mental distress. Results from the population-based digital cohort DigiHero
Thomas Behrens; Nadine Glaser; Michael Gekle; Nils Opel; André Karch; Laura R. Pfrommer; Matthias Gindt; Simone Hettmer; Jessica I. Hoell; Lena Spallek; Hajo Zeeb; Daniel Sedding; Thomas Frese; Rafael Mikolajczyk; Swaantje Casjens
- 10:45-11:00 Cancer incidence among aircrew in a nationwide cohort in Korea: comparison across multiple reference populations
Soojin Park; Eun-Shil Cha; Dalnim Lee; Ga Bin Lee; Sang Ah Lee; Minsu Cho; Songwon Seo
- 11:00-11:15 Sleep patterns and sleep quality in the EPHOR-Night-Shift Cohort
Antonio d'Errico; Kyriaky Papantoniou; Barbara N Harding; Karin Broberg; Anne Helene Garde; Kirsten Nabe-Nielsen; Maria Albin; Gemma Castaño-Vinyals; Manolis Kogevinas, ISGlobal, Spain; Tara van der Grinten; Roel Vermeulen; Jelle Vlaanderen; Susan Peters
- 11:15-11:30 Night Work has Differential Effects on Diurnal Rhythms of Cortisol, Melatonin, and Testosterone in Permanent Night Workers
Anne Helene Garde; Kirsten Nabe-Nielsen; Åse Marie Hansen; Anastasi Kosmadopoulos; Heidi Lammers-van der Holst; Rasmus H. Reeh; Ann Dyreborg Larsen
- 11:30-11:45 Shift work and sickness absence due to common mental disorders: A quasi-experiment study
Emma Brulin; Seth Addo; Tove Nilsson; Per Gustavsson; Carolina Bigert; Rahman Shiri
- 10:15-11:45 Exposure Assessment 1** , Scheele: Franklin
Chairs: Linda Schenk; Pernilla Wiebert
- 10:15-10:30 Occupational Carcinogen Exposure in Dentistry: Knowledge, Attitudes, and Practices of Dental Workers
Sabrina Gravel; Rand Al Jaber; Zeinaba Diarra; Capucine Ouellet; Cheryl Peters; Elham Emami
- 10:30-10:45 Occupational exposure to hexavalent chromium in France, 2015-2024
Jean-Francois Sauve; Gautier Mater
- 10:45-11:00 Occupational Firefighting and DNA Methylation in Women Firefighters: Cross-Sectional and Longitudinal Evidence
Cynthia Porter; Jaclyn Goodrich; Shawn Beitel; Michelle Valenti; Jonathan Lund; Heather Buren; Brooke Hawkes; Jefferey Burgess
- 11:00-11:15 Organophosphate Esters Exposure and Associations with Environmental Factors among Firefighter, Paramedics, and Office Workers
Fateme Kooshki; Annabel Zhang; Sara Vaezafshar; Joseph Okeme; Nikhil Rajaram; Roel Vermeulen; Miriam Diamond; Paul A Demers; Victoria Arrandale
- 11:15-11:30 Occupational exposure to lead from paint: a systematic review and meta-analysis
Pamela Prud'homme; Capucine Ouellet; Philippe Sarazin; Sabrina Gravel
- 11:30-11:45 Occupational Chloroform Exposure in Air and Water at Swedish Indoor Swimming Facilities: Evaluation of Urine as a Biomarker
Jessica Westerlund; Oskar Ragnebro; Kristin Helmersmo; Louise Fornander; Raymond Olsen; Ing-Liss Bryngelsson; Pål Graff
- 10:15-11:45 Ergonomics and Musculoskeletal Disorders** , BZ: Jacob Berzelius
Chairs: Katarina Kjellberg; Alexis Descatha
- 10:15-10:30 Carpal tunnel release surgery and occupational co-exposure to biomechanical factors and neurotoxic chemicals: findings from the Constances cohort
Julie Bodin; Clémence Rapicault; Alexis Descatha; Marc Fadel; Fabien Gilbert; Bradley Evanoff; Nathalie Bonvallot; Marcel Goldberg; Marie Zins; Yves Roquelaure
- 10:30-10:45 Change in physical workload and the risk of work disability due to musculoskeletal disorders: a register-based study of 1,703,935 workers in Sweden
Melody Almroth; Daniel Falkstedt; Tomas Hemmingsson; Laura Punnett; Katarina Kjellberg; Alicia Kurowski; Kuan-Yu Pan
- 10:45-11:00 High Level of Computer Vision Syndrome and Its Associated Factors among University Supporting Staff
Tadpong Tantipanjaporn; Jirat Sasipatcharapong; Sutthisaranyupong Chanyo
- 11:00-11:15 Artificial intelligence (AI)-based ergonomic risk assessment in port operations: a comparative study with REBA and RULA observational methods.
Sergio Pili; Marcello Campagna; Igor Portoghese; Alessandro Murru; Mattia Cucca; Renzo Schintu; Luigi Isaia Lecca

- 11:15-11:30 Assessing the Effect of Work Flexibility on Occupational Ergonomic Exposures in Academics – A systematic Review
Uddhav Khakurel; Marc Fadel; Alexis Descatha; Marina Heiden; Jennie Jackson
- 11:30-11:45 OBJECTIVE ASSESSMENT OF WORK-RELATED PHYSICAL ACTIVITY AMONG AGRICULTURAL PROFESSIONALS: A PRELIMINARY STUDY
Morgane Bresson; Marine Renier; Juliette Pompili; Mathilde Bureau; Marie-Elise Parent; Isabelle Baldi; Pierre Lebailly
- 10:15-11:45 Minisymposium 1: Intervention studies to promote mental and physical health in changing working environments due to climate change, sustainable work practices, and in green jobs**, BZ: **Andreas Vesalius**
Chair: **Michelle C. Turner**
- 10:15-10:30 Introduction to the EU-INTERCAMBIO project
Michelle C. Turner; Xavier Basagaña; Karin Broberg; Alex Burdorf; Alexander Wilhelm Gorny; Irina Guseva Canu; Henrik Albert Kolstad; Neil Pearce; Anjoeka Pronk; Jenny Selander, Karolinska Institutet, Sweden; Sara Svensson; Pieter van Baal; Maria Albin; Manosij Ghosh; Lode Godderis; Camilla Sandal Sejbaek; Bernice Scholten; Kurt Straif; Susana Viegas; Jordi Julvez; Manolis Kogevinas, ISGlobal, Spain
- 10:30-10:45 Occupational heat exposure and outdoor construction workers: an intervention study
Sara Lasuncion; Maxime Turuban; Xavier Basagaña; Michelle C. Turner
- 10:45-11:00 The impact of environmentally sustainable workplace interventions on healthcare workers' health and working conditions: a natural experiment
Marije Koks; Karen Oude Hengel; Merel Schuring; Heidi Lammers-van der Holst; Alex Burdorf
- 11:00-11:15 Effect of eco-driving assistance on bus drivers' stress: A pseudo-randomized controlled trial in a Swiss public transit company
Irina Guseva Canu; Estelle Montet; Maryline Krummenacher
- 11:15-11:30 Skin contamination in wind turbine blade manufacturing workers: An intervention study
Alexander Wilhelm Gorny; Marília Silva Paulo; Maria Diniz-da-Costa; Maxime Turuban; Alexandra Golabek Christiansen; Ole Carstensen; Mette Sommerlund; Per A. Clausen; Jakob H. Bønløkke; Vivi Schlünssen; Marlène Isaksson; Sigrun Alba Johannesdottir Schmidt; Anders Majland; Susana Viegas; Michelle C. Turner; Henrik Albert Kolstad
- 11:30-11:45 InterCambio: Exposure and health in the waste management sector
Karin Broberg; Alexander Wilhelm Gorny; Marília Silva Paulo; Maria Diniz-da-Costa; Eva Dock; Malin Engfeldt; Else Åkeberg Krook; Karin Grahm; Pernilla Wiebert; Maria Albin; Sara Svensson; Robert Linder; Jordi Julvez; Vivi Schlünssen; Karoline Kærgaard Hansen; Lars Modig; Anke Boone; Christopher Mathieu; Henrik Albert Kolstad; Susana Viegas
- 10:15-11:45 Biomarkers of Exposure/Effect**, BZ: **Christina Larsdotter**
Chairs: **Manosij Ghosh**; Kuan-Yu Pan
- 10:15-10:30 Internal exposure levels to metals and associated inflammatory markers – a cross-sectional study in the recycling industry
Karoline Kærgaard Hansen; Vivi Schlünssen; Kirsten Østergaard; Thomas Lundh; Torben Sigsgaard; Anne Mette Madsen; Henrik Kolstad; Karin Broberg
- 10:30-10:45 Linking the Occupational Exposome and Inflammatory Biomarkers Using High-Dimensional Proteomics in 9,800 Nordic Workers
Andrés Barrena-Calderón; Per Qvist; Maria Albin; Lars Alfredsson; Morten Böttcher; Gunnar Engström; Anda Gliga; Karoline Kærgaard Hansen; Alexander Hedbrant; Henrik Albert Kolstad; Marianne Kyndi; Stefan Ljunggren; Holger Jon Møller; Daniela Pineda; Lars Rylander; Eva Sarndahl; Vivi Schlünssen; Jenny Selander, Karolinska Institutet, Sweden; Jesse Thacher; Ulla Vogel; Karin Broberg; Zara Ann Stokholm
- 10:45-11:00 Biochemical and hematological effects of serum per- and polyfluoroalkyl substances (PFAS) in workers producing fluoropolymers
Dario Consonni; Elisa Roggia; Rosa Mercadante; Matteo Bonzini; Silvia Fustinoni
- 11:00-11:15 Is occupational exposure to mycotoxins associated with early biological effects in workers? A French study protocol
Valérie Demange; Manuella Burgart; Ronan Levilly; Laurie Renaudin; Nathalie Grova; Sophie Ndaw; Eve Bourgkard
- 11:15-11:30 Metal Mixture Exposure and Respiratory Outcomes in Shipyard Welders: A Repeated-Measures Study
Hsin Hsu Shih; Sheng-Yun Lai; Ching-Huang Lai
- 11:30-11:45 Epigenetic modifications associated with occupational exposure to lung carcinogens: a systematic review
Luca D'Amato; Noemi Paulin; Mirco Biatel; Roberta Perneti; Enrico Oddone
- 10:15-11:45 Minisymposium 2: Occupational Cancer Patterns in the Nordic Countries: New Insights From 60 Years of NOCCA Follow Up**, Scheele: **Scheelesalen**
Chairs: **Johnni Hansen**; Marcin W Wojewodzic; Jan Ivar Martinsen

- 10:15-10:37 Sixty Years of Occupational Cancer in the Nordic Countries: What Has Changed?
Jan Ivar Martinsen; Sanna Lappi-Heikkinen; Johnni Hansen; Elsebeth Lynge; Ingrid Sivesind Mehlum; Jenny Selander, Karolinska Institutet, Sweden; Jóhanna Eyrún Torfadóttir; Marcin W Wojewodziec; Eero Pukkala
- 10:37-10:59 Sixty Years of Occupational Cancer in the Nordic Countries: New insight into rare cancers
Johnni Hansen; Sanna Lappi-Heikkinen; Elsebeth Lynge; Jan Ivar Martinsen; Ingrid Sivesind Mehlum; Jenny Selander, Karolinska Institutet, Sweden; Jóhanna Eyrún Torfadóttir; Marcin W Wojewodziec; Eero Pukkala
- 10:59-11:21 NOCCA-NEW: Expanding the NOCCA consortium to include Estonia
Marcin W Wojewodziec; Aleksei Baburin; Jan Ivar Martinsen; Mall Leinsalu; Karina Undem; Kaire Innos; Ingrid Sivesind Mehlum; Johnni Hansen; Elsebeth Lynge; Jenny Selander, Karolinska Institutet, Sweden; Jóhanna Eyrún Torfadóttir; Eero Pukkala; Sanna Lappi-Heikkinen
- 11:21-11:45 Occupation and Mesothelioma Incidence in the Nordic Countries in 1961–2020
Tomas Tanskanen; Sanna Lappi-Heikkinen; Johnni Hansen; Elsebeth Lynge; Jan Ivar Martinsen; Ingrid Sivesind Mehlum; Jenny Selander, Karolinska Institutet, Sweden; Jóhanna Eyrún Torfadóttir; Marcin W Wojewodziec; Eero Pukkala
- 11:45-12:45 Lunch** , BZ: Entrance hall
- 12:45-14:15 Agricultural Work and Cancer** , Scheele: Samuelssonsalen
Chairs: Laura Beane E Freeman, US National Cancer Institute, USA; Joanne Kim
- 12:45-13:07 Farm activities associated with bladder cancer risk in the Agricultural Health Study cohort
Stella Koutros; Shuai Xie; Melissa Friesen; Debra T. Silverman; Sarina Murray; Christine Parks; Dale Sandler; Laura Beane E Freeman, US National Cancer Institute, USA
- 13:07-13:29 Multiple pesticide exposure and cancer risk in a cohort of agricultural workers
Kendya Gene; Johan Spinosi; Bernard Bhakkan-Mambir; Clarisse Joachim; Danièle Luce; Christine Barul
- 13:29-13:51 Occupational exposure to pesticides and head and neck cancer risk
Juencio Ayosso; Kendya Gene; Corinne Pilorget; Danièle Luce; Christine Barul
- 13:51-14:15 Quantitative Endotoxin Estimates and Lung Cancer Risk in the Agricultural Health Study Cohort
Laura Beane E Freeman, US National Cancer Institute, USA; Melissa Friesen; Pabitra Josse; Gabriella Andreotti; Shuai Xie; Christine Parks; Dale Sandler; Jonathan Hofmann
- 12:45-14:15 Life Course Perspectives and Equity** , Scheele: Franklin
Chairs: Jacob Pedersen; Melody Almroth
- 12:45-13:00 Can unemployment explain the social gradient in cardiovascular disease? A causal mediation analysis of a nationwide register-based cohort in Sweden
Max Rohrbacher; Abid Lashari
- 13:00-13:15 Economic costs of reduced working-life expectancy and working years lost
Jacob Pedersen; Kristian Hansen; Lars Andersen
- 13:15-13:30 Working years lost due to chronic diseases among workers in the Netherlands
Petra Eysink; Maaïke van der Noordt; Gulliver de Boer
- 13:30-13:45 Transition types in employment situations as a risk factor for depressive symptoms
Annina Braunreuther; Hermann Burr; Wiebke Schmitz
- 13:45-14:00 Does occupation mediate educational disparities in all-cause mortality?
Devan Hawkins;
- 14:00-14:15 Feelings of reciprocity, self-reported sickness absence and intentions to shift workplace among school principals
Roger Persson; Ulf Leo; Anna Oudin; Carita Håkansson
- 12:45-14:15 Healthcare Workers** , BZ: Jacob Berzelius
Chairs: Emma Brulin; Laura Punnett
- 12:45-13:00 Burnout Complaints and Patient Safety Errors in Healthcare Professionals: A Longitudinal Study
Britta Vera Elsert Gynning; Leon. T De Beer; Elin Karlsson; Kevin Teoh; Per Gustavsson; Filip Christiansen; Emma Brulin
- 13:00-13:15 Suicide among healthcare workers in Brazil (2017–2022): trends, spatial patterns, and identification of risk clusters.
Milena Almeida; Tarcísio Palma; Francesca Magalhães; Camila de Sousa; Tatiane dos Santos; Tânia Araújo
- 13:15-13:30 EFFECT MODIFICATION BY RACE/COLOR IN THE ASSOCIATION BETWEEN WORKPLACE VIOLENCE AND COMMON MENTAL DISORDERS AMONG HEALTH WORKERS IN BAHIA, BRAZIL
Fernando Feijó; Elaine Reis; Tânia Araújo
- 13:30-13:45 EFFECT MODIFICATION BY RACE AND GENDER IN THE ASSOCIATION BETWEEN WORKPLACE BULLYING AND DEPRESSIVE SYMPTOMS AMONG HEALTHCARE WORKERS IN BAHIA, BRAZIL
Fernando Feijó; Elaine Reis; Margarete Helioterio; Tânia Araújo
- 13:45-14:00 Occupational constraints and intention to stay until retirement among hospital healthcare workers: the 2019 French National Working Conditions Survey
Mélanie Bertin; Sandra CHIMEZIE

- 14:00-14:15 Work and health in Primary Care in Ontario: Improving the recognition and recording of work relatedness
Anil Adisesh; *Andrea Furlan; Christopher J O Baker; Theresa Tang; Caitlin Ford; Jordan Carter; Eula Aguilar; Jia Hu; Aaron Thompson*
- 12:45-14:15 Minisymposium 4: Circular economy: occupational health in the waste management sector, BZ:**
Andreas Vesalius
Chairs: Karin Broberg; Susana Viegas
- 12:45-13:03 A policy framework for decent green jobs: socio-legal aspects of the working environment in waste management
Sara Svensson;
- 13:03-13:21 E-waste recycling workers' exposure to chemicals and related health risks
Tiina Santonen;
- 13:21-13:39 Occupational exposure to micro- and nanoplastics and plastic-related chemicals in recycling workers: The SafePlasticWaste study
Malin Engfeldt; *Neža Palir; Maria Albin; Keld Alstrup Jensen; Else Åkeberg Krook; Anna Dahlman Höglund; Eva Dock; Louise Fornander; Karin Grahm; Jessika Hagberg; Ruben Lindén; Robert Linder; Cristian Lindh; Stefan Ljunggren; Christopher Mathieu; Ida Mogensen; Annelie Nordström Ryberg; Gunilla Rydenstrand; Pernilla Wiebert; Karin Broberg*
- 13:39-13:57 Pulmonary function and inflammatory biomarkers in Swedish metal recycling industry workers: a report from the cross-sectional GreenMetalWaste study
Robert Linder; *Jesse Thacher; Anastasiia Snigireva; Anja Stajanko; Michael Levi; Malin Engfeldt; Mats Leeman; Else Åkeberg Krook; Åsa Ek; Karin Lovén; Maria Kippler; Gunilla Rydenstrand; Gunilla Runström Eden; Bodil Björ; Helen Bertilsson; Pernilla Wiebert; Anna Dahlman Höglund; Lars Modig; Maria Albin; Eva Dock; Karin Broberg*
- 13:57-14:15 Co-creation implementation and evaluation in occupational health research: a case study of the recycling industry.
Lode Godderis; *Anke Boone; Christopher Mathieu; Ana Gama; Susana Viegas; Karin Broberg*
- 12:45-14:15 Cardiovascular Disease 2 , BZ: Christina Larsdotter**
Chairs: Lars Alfredsson; Karin Berglund
- 12:45-13:00 Onset of workplace conflict, incident cardiovascular disease and changes in biomarkers
Tianwei Xu; *Maria Nordin; Eleonor I Fransson; Helena Nordenstedt; Linda L Magnusson Hanson*
- 13:00-13:15 Cardiovascular Risk and Daily Movement Patterns in Workers Using Compositional Analysis of Longitudinal Population Data
Avirop Biswas; *Cynthia Chen; Stephanie Prince Ware; Faraz Vahid Shahidi; Victoria Landsman; David Alter; Peter Smith*
- 13:15-13:30 Examining the Relationship Between Physical Activity, Work Stress, and Cardiovascular Disease Risk: 12-Year Observational Study
Avirop Biswas; *Nhat Chau; Stephanie Prince Ware; Faraz Vahid Shahidi; Victoria Landsman*
- 13:30-13:45 Effects of physical activity in work and leisure on level of inflammation
Mette Korshøj; *Melker S Johansson; Gowsini Joseph*
- 13:45-14:00 Work-Related Effort–Reward Imbalance and Common Mental Disorders among Brazilian Professors in the Post-COVID-19 Pandemic Context
Milena Almeida; *Eilanny Santos; Paloma Pinho; Tânia Araújo*
- 14:00-14:15 Cumulative Night Shift Work and the Risk of Cardiometabolic Risk Factors – 10-Year Follow-up Results from the Gutenberg Health Study
Juliane Born; *Janice Hegewald; Karin Rosnagel; Sylvia Jankowiak; Michaela Prigge; Robin Martens; Matthias Nübling; Alice Freiberg; Pavel Dietz; Merle Riechmann-Wolf; Philipp Wild; Michael Dreier; Norbert Pfeiffer; Karl Lackner; Philipp Lurz; Stavros Konstantinides; Katharina Geschke; Daniel Kraus; Matthias Büttner; Andreas Seidler*
- 12:45-14:15 Minisymposium 3: Algorithmic Management as an Emerging Occupational Exposure , Scheele:**
Scheelesalen
Chair: Carin Håkansta
- 12:45-13:03 Translating research to practice: the example of ALGOSH
Carin Håkansta; *Virpi Kalakoski; Pille Strauss-Raats*
- 13:03-13:21 Intervening in algorithmic management: findings from a review of available solutions to improve worker health and well-being
Virginia Gunn; *Carin Håkansta; Johan Holm; Virpi Kalakoski; Heidi Lahti; Min Kyung Lee; Ruben Lind; Lisen Löwstedt; Michael Quinlan; Pille Strauss-Raats; Penny Williams; Angie Zhang; Riyaj Shaikh*
- 13:21-13:39 The effects of algorithmic management on occupational safety and health: a mixed methods case study in logistics
Ruben Lind; *Lisen Löwstedt; Pille Strauss; Carin Håkansta; Lluís Mangot-Sala; Nuria Matilla-Santander; Theo Bodin, Karolinska Institutet, Sweden*

- 13:39-13:57 Algorithmic Management in Managerial Work: Prevalence and Reported Work Environment Implications in a Large Union-Based Survey
Pille Strauss; Michael Quinlan; Karin Hennum Nilsson; Ruben Lind; Virginia Gunn; Rijay Shaikh; Angie Zhang; Nuria Matilla- Santander; Carin Håkansta
- 13:57-14:15 Measuring Novel Occupational Exposures in Epidemiology: Lessons from Algorithmic Management
Nuria Matilla-Santander; Sonali Kaluri; Barbara N Harding; Diego Álvarez Alonso; Filippa Lundh; Theo Bodin, Karolinska Institutet, Sweden; Manolis Kogevinas, ISGlobal, Spain; Virginia Gunn; Daniel Cruz Fuentes
- 14:15-15:15 **Poster Session 1 incl. Coffee Break**, BZ: Entrance hall
- 1 The contribution of work and health to educational inequalities in old-age retirement before age 65 – a mediation analysis of Swedish workers
Emma Carlsson; Tomas Hemmingsson; Jonas Landberg; Katarina Kjellberg; Bo Burström; Emelie Thern
 - 2 Access to Workplace Resources and Expected Retirement Age in Later Working Life
Karin Berglund; Robin Jonsson; Melody Almroth; Magnus Linnarud-Johansson; Daniel Falkstedt; Tove Midtsundstad; Katarina Kjellberg
 - 3 Association Between Multi-Metal Fume Exposure and Renal Function Among Shipyard Workers
Yang Cheng-Lin; Sheng-Yun Lai; Ching-Huang Lai
 - 4 Study of the association between blood-based omics biomarkers, Non-Hodking lymphoma and occupational exposures
Marco Peluso; Sara Piro; Valentina Russo; Chiara Sonogo; Alberto Utili; Ilaria Papini; Simonetta Bisanzi; Cristina Sani; Pierluigi Cocco; Lucia Miligi
 - 5 Occupational Classification and Blood Lead and Cadmium Levels: A Nationally Representative Cross-Sectional Study
Juhyeong Kim; Dasol Bang; Kyungho Ju; Yangwoo Kim; Jeehee Min; Inah Kim; Soo-Jin Lee
 - 6 Mixed Metal Exposure Disrupts Nasal Microbiota and Impairs Lung Function in Occupationally Exposed Shipyard Workers
Ding-Hao Lu; Chun-Chih Hsu; Hsin Hsu Shih; Ching-Huang Lai
 - 7 Association between occupational lead exposure and early kidney damage biomarkers in Mexican artisans.
Elodia Rojas Lima; Manolo Ortega-Romero; Olivier Barbier; Alejandro Cabello López; Carmina Jiménez Ramírez; Cuauhtémoc Arturo Juárez Pérez
 - 8 Comparative Lung Function among Indonesian Batik Workers
Fandita Tonyka Maharani; Andrew Povey; David Fishwick; Martie van Tongeren
 - 9 Occupational Exposures and Associated Health Outcomes among Informal Artisan Workers: Evidence from Three Traditional Crafts
Ankit Sheth; Ankit Viramgami; Nikhil Kulkarni; Bhavesh Modi
 - 10 Hidden Strain in the Laboratory: Reducing Work Related Musculoskeletal Symptoms in Pathology Staff
Zeenathnisa DO Mougammadou Aribou; Amanda Wong; Oh Shoo Yi; Kee Leng Chua; Suzanna Seok Khoon Tay; Chui Mun Lee; See Ming Lim
 - 11 Understanding young adults' perceptions about occupational carcinogens with a focus on sun safety
Cheryl Peters; Emma Quinn; Ela Rydz; Sajjad Fazel; Anita Brobbey; Robert Duffy
 - 12 The Roadmap on Carcinogens: a European initiative to prevent occupational cancer
Nadia Vilahur Chiaraviglio; Sergey Zhivin; Konstantinos Kiakos
 - 13 Parental occupational exposures and childhood cancer in a Danish national cohort
Sylvia H J Jochems; Camilla Sandal Sejbaek; Esben Meulengracht Flachs; Luise Mølenberg Begtrup; Susan Peters
 - 14 Occupations associated with minimal urinary voiding and bladder cancer risk and mortality
LeeAnn Lucas; Ayako Hiyoshi; Mark Preston; Lorelei Mucci; Katja Fall
 - 15 24-Hour Heart Rate Deviation and Ambulatory Blood Pressure in Workers with Physically Demanding Jobs: Within-Person Associations over 10 Days
Elin Ekblom-Bak; Karin Olsson; Jennifer Lind; Olof Södergård; David Hallman; Filip Larsen; Daniel Väisänen
 - 16 Gut microbial composition and cardiometabolic risk among night and day shift healthcare workers: longitudinal findings from the EPHOR-NIGHT cohort.
Raquel Galan; Gemma Castaño-Vinyals; Ruben Lopez-Aladid; Ana Espinosa; Kyriaky Papantoniou; Parveen Bhatti; Camille Lassale; Kathryn E. Coakley; Cristina Marquez; Ana Alfaro; Climent Casals-Pascual; Manolis Kogevinas, ISGlobal, Spain; Barbara N Harding
 - 17 Validation of a climate emotion scale: assessing the impact of climate emotions on youth mental health
Hiu Yu Natalie Tang; Hon Ming Lam; Hanbin Zhang; Lap Ah TSE
 - 18 Quantifying indoor occupational heat stress in the Netherlands using exposure measurements
Lucia Driessen; Eugenio Traini; Tosca O.E. de Crom; Maxime Turuban; Henrik Kolstad; Bernice Scholten; Sander Ruiter; Jenny Selander, Karolinska Institutet, Sweden; Michelle C. Turner; Anjoeka Pronk
 - 19 Interplay of Chemical Risk Exposure and Climate Change from Small Scale Mining
Sophia Francesca Chua; Jinky Leilanie Lu

- 20 Morbimortality profile by COVID -19 second on-site work and telework in an oil and gas company
Nathalia Marcelino da Costa Belo; Eliana Zandonade; Camila Brunelli do Prado; Luciane Bresciani Salaroli; Nathalia Marcelino da Costa Belo
- 21 Reporting of Diseases and Health Events: A Challenge for Occupational Health at the National Level
Giselly Storch Emerick; Lilian Monteiro Ferrari Viterbo; Nathalia Marcelino da Costa Belo; Rafael Amaral Albuquerque; Luciana Thais Nunes Lima
- 22 Occupational Exposure to Chemical Hazards in Morocco: A Baseline Study of 700 Workers via the BIONET project
Imane Bensouda Korachi; Aziza Menouni; Kaoutar Chbihi; Younes Zegzouti Filali; Radu Corneliu Duca; Samir El Jaafari; Lode Godderis
- 23 Occupational Interstitial Lung Diseases: Twenty-Five-Year Experience
Emna BECHRIFA; Jihen Hsinet; Emna Baraketi; Fatma Boujmil; Farah Taleb; Oumayma Zaghdoudi; Nihel Khouja; Aida Benzarti
- 24 From Evidence to Experiment: Scoping Review and Study Design on Sitting Breaks and their Impact on Mental and Physical Loads
Marion Freyer; Kim-Aljoscha Bressemer; Sylvia Jankowiak; Charline Jost; Antonia Wagner; Janice Hegewald
- 25 Occupational organic dust and heat exposure in Portugal: main features from monitoring campaigns carried out between 2010 and 2018
Susana Viegas; Renata Cervantes; Pedro Pena
- 26 Job-exposure matrix and reported exposure for long working hours: comparison and association with cardiovascular outcomes in CONSTANCES and SOIGNANCES
Marc Fadel; Laurent Poiroux; Fabien Gilbert; Hanifa Bouziri; Laura Temime; Marie Zins; Alexis Descatha
- 27 Hairdressing products used in French hair salons and their compounds: focus on endocrine disrupting chemicals
Anca Radauceanu; Marie-Isabelle Nioule; Mathieu Dziurla; Bénédicte Adet; Véronique Martin; Romain Pons
- 28 Expanding the Korean CARcinogen Exposure (K-CAREX) Database: Assessments for IARC Group 2B and 3 Agents
Dong-Hee Koh; Sangjun Choi; Ju-Hyun Park; Sang-Gil Lee; Hwan-Cheol Kim; Inah Kim; Jeehee Min; Jihyung Choi; Dong-Uk Park
- 29 The Effect of Blood and Plasma Donation Interventions on Epigenetic Age Among Firefighters
Reagan Conner; James Hollister; Cynthia Porter; Jefferey Burgess; Melissa Furlong
- 30 Sustained effects of workplace interventions on motivation and physical activity: a six-month follow-up among Latvian office workers
Marija Burcena; Denize Andrune; Andra Fernāte; Darja Kaļučnaja; Aleksandra Keizāne; Jeļizaveta Marčenko; Jana Mestalo; Nadīna Rimere; Vineta Silkāne; Ivars Vanadzīņš; Kristīne Vende; Jelena Reste
- 31 Workplace physical and psychological injuries among public safety personnel and mental health-related impacts on the family: a scoping review
Kate St. Cyr; Heidi Cramm; Kayla Kirby; Peter Smith; Rosemary Ricciardelli; R. Nicholas Carleton; Joy MacDermid; Courtney Svab; Alyson Mahar
- 32 The Northwestern Ontario Workplace and Worker Health Study: Preliminary findings
Vicki Kristman; Muhammad Jabbar; Aakash Bajaj
- 33 Psychosocial Work Factors, exposure to trauma and Mental Health in British Policing: an analysis of the Airwave Health Monitoring Study
Ioannis Basinas; Evangelia Demou; Matthew Gittins; Judith Allardyce; Andy H Heard; Blessing Nyakutsikwa; Paul Elliott; Martie van Tongeren
- 34 The Association Between Job Characteristics and Psychological Well-Being Among Laboratory Personnel: A Cross-Sectional Study
Hsu-Li Huang; Po-Ching Chu; Chi-Hsien Chen
- 35 Psychosocial Work Factors and Occupational Burnout among Couriers: A Cross-Sectional Study
Yi Ting Wu; Sheng-Yun Lai; Ching-Huang Lai
- 36 Occupational physical activity patterns and depressive symptoms – a latent class analysis among a representative sample of employees in Germany
Ruth Schäfers; Anne Marit Wöhrmann; Dominik Rödiger; Ulla Walter
- 37 PubMed search filters for the study of putative socioeconomic determinants of diseases
Matteo Mori; Stefano Mattioli; Anna Bordignon; Angrisani Anna; Emanuela Perani; Ivana Frazzetta; Andrea Cerruti; Giorgia Cola; Marianna Servodio; Antonio Remigio; Daniele Ambrogini; Mattia Roberto Nocilla; Stefania Curti
- 38 Feasibility of continuous wearable heart rate monitoring and daily self-reporting in shift workers
Daniel Väisänen; Karin Olsson; Jennifer Lind; Olof Södergård; Filip Larsen; Elin Ekblom-Bak
- 39 Prevalence of Musculoskeletal disorders among Moroccan dentists: a cross-sectional study
Imane Bensouda Korachi; Younes Zegzouti Filali; Samir El Jaafari

- 40 Incident Parkinson's Disease in a retrospective cohort of Ontario Nuclear Power Plant workers exposed to ionizing radiation
Abbey Gibb; Chengchun Yu; Tim Prendergast; Paul J. Villeneuve
- 41 A Repeated Measures Laboratory Study on the Effect of Office Noise, and Adaptive Architectural Elements on the Perceived Stress of Office Workers
Lotta van Hout; Suraksha Vegad; Rania Christoforou Arotis; Alex Binh Vinh Duc Nguyen; Yaxuan Zhang; Andrew Vande Moere; Marcel Schweiker
- 42 Breeders exposures to pesticides in livestock farming in mainland France
Shiméa Agossou; Séverine Tual; Mathilde Bureau; Christophe Exare; Stéphanie Perrier; Isabelle Baldi; Pierre Lebailly
- 43 Exposure of vineyard workers to inorganic compounds: results from PESTEXPO studies
Mathilde Bureau; Yanis Meyer; Juliette Pompili; Valérie Bouchart; Justine Lanson; Pierre Lebailly; Isabelle Baldi
- 44 Population and Rural Agricultural Exposure to Glyphosate and AMPA in Taiwan: Evidence from National Human Biomonitoring
Nian-Jia Chen; Jyun-Ming Chen; Wei-Hsiang Chang; Chien-Jen Wang; Ho-Tang Liao; Pau-Chung Chen; Wei-Te Wu
- 45 Levels and determinants of glyphosate exposure in French greenspace workers
Lucie de Graaf; Mathilde Bureau; Hélène Budzinski; Donnelle Roline Sandjong Sayon; Emmanuelle Baron; Marie-Hélène Dévier; Pierre Lebailly; Isabelle Baldi
- 46 Work-related stress and poor sleep among workers at the U.S. Centers for Disease Control and Prevention after a change in government leadership
Candice Johnson; Xuantao Li; Kipling Bohnert; Danielle Gartner; A. Emiko Blalock; Laurel Harduar Morano
- 47 Validity and Benchmarks of the Korean Version of the 4-Item Psychosocial Safety Climate Scale
Hyojeong Kim; Mo-Yeol Kang; Chunhui Suh
- 48 Validation and Benchmarks of the Core Version of the Korean Occupational Stress Scale
Chunhui Suh; Hansoo Song
- 49 Silicosis Health Surveillance: Screening Strategies and Epidemiological Challenges
Nettie van der Meer; Renee Van Snippenburg; Sander Timmermans; Javier Mancilla Galindo; Susan Peters
- 50 Metal Mixtures and Oxidative Stress in Shipyard Workers: A Cross-Sectional Study Using Mixture Analysis
Ting Yi Liao; Hsin Hsu Shih; Chun-Chih Hsu; Ching-Huang Lai
- 51 The role of individual susceptibility in the association between exposures and work-related asthma: a scoping review
Renate Juscikowski; Jan Hoving; Sanja Kezic; Damien McElvenny; Gerda de Groene; Dick Heederik; Henk van der Molen; Pieter Coenen
- 52 Sex differences in self-reported health outcomes among members of the Canadian Armed Forces
Victoria Arrandale; Atif Cader; Jeavana Sritharan; Marina Afanasyeva; Joan Saary
- 53 The effect of work-time influence on biological risk markers of disease: Preliminary results from the IWISH project
Kirsten Nabe-Nielsen; Mikkel Munksgaard; Marie Tolver Nielsen; Mette Sallerup; Sita Khadka; Vivi Schlünssen; Anne Helene Garde
- 54 Lipidomic alterations in night shift workers – results from the EPHOR Night Shift Cohort
Anastasiia Snigireva; Caisa Laurell; Gunilla Rydenstrand; Maria Albin; Karin Broberg
- 55 The association of night shift work exposures and chronotypes on poor mental health among Hong Kong nurses
YUFEI LIU; Lap Ah TSE; BEIXI LI
- 56 Sleeping on the job: A thematic analysis of firefighter focus-group discussions regarding on-duty sleep
Bridget Bender; Nicole Sewell; Miriam Jepsen; Gwendolyn Powell; Ajeet Yadav; Stephanie Hooker; J. Roxanne Prichard; Bruce H. Alexander; Hyun Kim
- 57 DNA methylation alterations in night shift workers in the EPHOR-NIGHT cohort.
Evi De Ryck; Barbara N Harding; Karin Broberg; Anne Helene Garde; Anjoeka Pronk; Manolis Kogevinas, ISGlobal, Spain; Lode Godderis; Manosij Ghosh
- 58 Working Conditions and Occupational Health Among Employees in Pet Retail Establishments in Sweden
Marie-Louise Lind; Sara Gunnare
- 59 THE EFFECTS OF SARS-COV-2 INFECTION ON THE OCCUPATIONAL FUNCTIONAL STATUS OF HEALTHCARE WORKERS IN ETHEKWINI HEALTH DISTRICT, KWAZULU-NATAL
Christel Nagoorsamy; Saloshni Naidoo; Rajen Naidoo; Sujatha Hariparsad
- 60 Health surveillance of soy allergy in the soy processing industry
Sanne Houba; Sander Timmermans; Nicole Verheijen; Remko Houba

- 61 Diesel Exhaust Exposure in Norwegian Petroleum Industry (DENPI) project. An updated job exposure matrix for offshore and onshore workers.
Thilde Marås; Erika Zardin Brinchmann; Nils Petter Skaugset; Raymond Olsen; Pål Graff; Ingrid M. Bakke; Torunn K. Ervik
- 62 Prevalence of Sickness Presenteeism and Its Strong Association with Reduced Work Ability Among Teachers in São Paulo: A Cross-Sectional Study
Adriano Dias; Tatiana Varejão-Garcia; Melissa Sprösser-Alonso; Hélio Rubens Carvalho-Nunes; Carlos Ruiz-Frutos; João Marcos Bernardes
- 63 Health Status and Occupational Exposures among Artisanal and Small-Scale Miners: An Exploratory Study
Natalia Lucero Mondaca; Veronica Iglesias; María Teresa Muñoz; Rolando Vilasau; Rodrigo Villegas; Fabian Araya; Guillermo Farmer
- 64 Bridging the Gap: The Occupational Data Landscape as a Metadata Hub for Research and Practice
Antonio d'Errico; Zimbo Boudewijns; Maaïke Visser; Maartje Brouwer; Eugene van Someren; Suzanne Spaan; Roel Vermeulen; Susan Peters
- 65 Residential exposure to horse-related allergens from nearby equestrian facilities and allergic symptoms among adolescents: a population based study
Gunilla Wastensson; Eva M Andersson; Sofia Hammarstrand; Pernilla Almerud; Mathias Holm
- 15:15-16:45 Exposure Assessment 2**, Scheele: Samuelssonsalen
Chairs: Henrik Albert Kolstad; Nicola Blagrove-Hall
- 15:15-15:30 Characterising Cleaning Professionals' Exposures to Cleaning Products and Glove Use
Linda Schenk; Libe Vilela; Anders Blom; Gunilla Runström Eden; Håkan Tinnerberg; Anne Farbroth; Anneli Julander
- 15:30-15:45 Development and Application of the Korean CARcinogen EXposure (K-CAREX)
Dong-Hee Koh; Sangjun Choi; Ju-Hyun Park; Sang-Gil Lee; Hwan-Cheol Kim; Inah Kim; Jeehee Min; Jihyung Choi; Dong-Uk Park
- 15:45-16:00 Exposure Measurements of Manganese in Welding Fumes: Results from the WELDFUMES Study
Louise Fornander; Gunilla Wastensson; Per Thunberg; Mary Adjeiwaah; Bernt Bergström; Ing-Liss Bryngelsson; Håkan Westberg; Lovisa Karlsson; Peter Lundberg; Göran Lidén
- 16:00-16:15 Development of a digital expert system for occupational exposure
Renee Van Snippenburg; Vanessa Zaat; Susan Peters; Adam El Kassimi; Antonio d'Errico
- 16:15-16:30 Characterizing Occupational Exposures Among Farrow-to-Wean Farmworkers
Jeff Bender; Elizabeth Wyckoff; Gerardo Diaz Ortiz; Noelle Noyes; Montserrat Torremorell
- 16:30-16:45 Personal measurements of occupational heat and solar ultraviolet (UV) radiation in Spain and France.
Maxime Turuban; Anjoeka Pronk; Henrik Albert Kolstad; Bernice Scholten; Peter Alshede Philipsen; Jenny Selander; Karolinska Institutet, Sweden; Michelle C. Turner
- 15:15-16:45 Cancer 1**, Scheele: Franklin
Chairs: Ann Olsson; Clémence Anoumba Ndiaye
- 15:15-15:30 Lifetime occupational exposure to metals, metalloids, inorganic metal compounds, and alloys, and prostate cancer risk
Camille Giampiccolo; Miceline Mésidor; Hugues Richard; Marie-Elise Parent
- 15:30-15:45 A pooled analysis of lifetime occupational exposure to diesel engine exhaust and prostate cancer risk
Marie-Elise Parent; Manolis Kogevinas, ISGlobal, Spain; Gemma Castaño-Vinyals; Florence Menegaux; Roel Vermeulen; Calvin Ge; Hans Kromhout; Jérôme Lavoué; Philippe Sarazin; Leslie Kouam; Jennifer Yu; Hugues Richard; Cheryl Peters
- 15:45-16:00 Cumulative and intermittent occupational UV exposure as risk factors for squamous cell carcinoma of the skin
Andreas Seidler; Ulrich Bolm-Audorff; David Reissig; Andrea Bauer; Karla Romero Starke; Sven Connemann; Rolf Ellegast; Peter Knuschke; Rene Mauer; Henriette Rönsch; Wiho Stöppelmann; Claudine Strehl; Stephan Westerhausen; Marc Wittlich
- 16:00-16:15 Occupational solar UV-exposure and risk of cutaneous melanoma among Danish workers: A nationwide cohort study
Zara Stokholm; Ida Kristensen; Sigrun Alba Johannesdottir Schmidt; Alexander Wilhelm Gorný; Inge Brosbøl Iversen; Morten Fenger-Grøn; Else Toft Würtz; Michelle C. Turner; Henrik Albert Kolstad
- 16:15-16:30 Association between cumulative and intermittent occupational ultraviolet exposure and basal cell carcinoma of the skin
Ulrich Bolm-Audorff; David Reissig; Andrea Bauer; Karla Romero Starke; Sven Connemann; Rolf Ellegast; Peter Knuschke; Rene Mauer; Henriette Rönsch; Wiho Stöppelmann; Claudine Strehl; Stephan Westerhausen; Marc Wittlich
- 16:30-16:45 Occupational exposure to metal mixtures and risk of aggressive prostate cancer: a Bayesian kernel machine regression analysis
Camille Giampiccolo; Miceline Mésidor; Hugues Richard; Marie-Elise Parent

- 15:15-16:45 Minisymposium 5: Mechanistic Science for Prevention in an Era of Complex and Emerging Exposures** , BZ: *Jacob Berzelius*
Chairs: *Parveen Bhatti; Karin Broberg*
- 15:15-15:37 A biomarker-based framework for assessing exposure, biological mechanisms, and their implications for risk reduction in firefighting training
Maria Helena Guerra Andersen; *Andreas Holm; Helle Margit Albrechtsen; Johanna Grünfeld; Simon Jensen; Vivi Kofoed-Sørensen; Kristian Almstrup; Kajsa Petersen; Peter Møller; Steffen Loft; Anne Thoustrup Saber; Ulla Vogel*
- 15:37-15:59 Occupational exposure to critical raw materials is associated with altered expression of circulating non-coding RNA in waste recycling workers
Anja Stajanko; *Karin Broberg; Daniela Pineda; Zheshun Jiang; Michael Levi; Else Åkeberg Krook; Karin Grahñ; Maria Kippler; Robert Linder; Eva Dock; Lars Modig; Maria Albin*
- 15:59-16:21 Assessing occupational cancer hazards from complex mixtures using mechanistic markers of effect
Kristian Dreij;
- 16:21-16:45 Biomarkers of Effect as Tools for Risk Assessment and Risk Communication
Susana Viegas;
- 15:15-16:45 Minisymposium 6: The practice of occupational epidemiology – are field methods and data collection being neglected? Should primary data collection be rehabilitated?** , BZ: *Andreas Vesalius*
Chairs: *Vikki Ho, University of Montreal Hospital Research Centre (CRCHUM), Canada; Sabrina Gravel*
- 15:15-15:30 The practice of occupational epidemiology – a personal view, from a post-industrial perspective
Martie van Tongeren; *David Fishwick; Ioannis Basinas; Ruth Wiggans; Jo Feary*
- 15:30-15:45 Opportunities to improve occupational data collection in questionnaires
Melissa Friesen; *Daniel Russ; Laura Beane E Freeman, US National Cancer Institute, USA*
- 15:45-16:00 Lessons learned on merging the Norwegian Offshore Petroleum Workers cohort and the Heliport cohort for more detailed occupational exposure assessment
Jo S Stenehjem; *Mieke C Louwe; Leon A M Berge; Ronnie Babigumira; Sara Nafisi; Jan Ivar Martinsen; Niki Marjerrison; Nita K Shala; Sara Salvadori; Marcin W Wojewodziec; Sven O Samuelsen; Magne Bråttveit; Jorunn Kirkeleit; Karl-Christian Nordby; H Dean Hosgood; Paul A Demers; Roel Vermeulen; Hans Kromhout; Sylvia H J Jochems; Susan Peters; Lawrence S Engel; Tom I L Nilsen; Olav Røise; Leiv Arne Rosseland; Debra T Silverman; Melissa Friesen; Nathaniel Rothman; Qing Lan; Marit B Veierød; Tom K Grimsrud*
- 16:00-16:20 Field-based methods for remote and in-person environmental and biological sample collection in two U.S. firefighter cohorts
France Labrèche; *Alberto J. Caban-Martinez; Anton Stremousov; Madeleine M. Sayre; Tulay Koru-Sengul; Sylvia Daunert Pharm; Christopher Weidlich; Kristopher J. Paultre; Jeffrey L. Pauley; Erin N. Kobetz*
- 16:20-16:45 Panel discussion
- 15:15-16:45 Occupational Heat Exposure** , BZ: *Christina Larsdotter*
Chairs: *Neil Pearce; Yasna Palmeiro Silva*
- 15:15-15:33 Development of an exposure assessment framework for quantitative vulnerability and adaptation assessment of occupational heat exposure in Kenya
Tosca O.E. de Crom; *Floris Pekel; Youchen Shen; Bernice Scholten; Anthony Mwanthi; Moses Chapa; Bas Henzing; Koen vd Sanden; Boris Kingma; Eugenio Traini; Anjoeka Pronk*
- 15:33-15:51 From Myth to Evidence: Occupational Heat Stress and Systemic Vulnerability Among Tropical Workers
Vidhya Venugopal;
- 15:51-16:09 High ambient temperatures and occupational injury and illness in British Columbia, Canada: a case-crossover study
Xiaocong Guo; *Lillian Tamburic; Paul J. Villeneuve; Cheryl Peters; Kate Weinberger; Christopher McLeod*
- 16:09-16:27 Occupational and Demographic Risk Factors for Heat Illness in a Military Cohort, 2014-2024
Danielle Marion; *Laura Bogaert; Brent Jones*
- 16:27-16:45 Behavioral Responses to Occupational Heat: Functional Beverage Consumption and Injury Risk among Construction Workers in Taiwan
Ching Chen; *Ping Shih; Yu-Shan Ou; Chen-Hsien Lee; Chuh-Yung Chen; Yue Leon Guo*
- 15:15-16:45 Methods, Job Coding and Validation** , Scheele: *Scheelesalen*
Chairs: *Irina Guseva Canu; Calvin Ge*
- 15:15-15:30 Automated coding of job titles with two computer algorithms for the Canadian Longitudinal Study on Aging
Anil Adisesh; *Christopher J O Baker; Jordan Carter; Matthew d'Entremont; Audrey Smargiassi*
- 15:30-15:45 OCCAM: Integrated pipeline for real-time collection and coding of occupations with large language models
Calvin Ge; *Olga Kononykhina*
- 15:45-16:00 The SOCcer ecosystem: Tools based on natural language models to assist coding occupations and industries from free-text job descriptions
Daniel Russ; *Pabitra Josse; Jonas Almeida; Melissa Friesen*

- 16:00-16:15 Psychometric validation of the Professional Fulfillment Index for use across diverse working populations: a longitudinal study
Anne Marie Novak;
- 16:15-16:30 Data-driven exploration of occupations and lung cancer risks using regularised regression models
Calvin Ge; Jia Nie; Lützen Portengen; Susan Peters; Roel Vermeulen
- 16:30-16:45 Remote Working Arrangements as Work Organisation Exposures: Operational and Methodological Challenges in Occupational Safety and Health Research
Sibel Kiran;
- 17:00-18:00 **EPICOH Business Meeting** , Scheele: Samuelssonsalen
Laura Beane E Freeman, US National Cancer Institute, USA; Sara De Matteis, University of Turin, Italy;
- 19:00-20:30 **Early Career Event** , Centrum för arbets- och miljömedicin, Floor 10, Solnavägen 4, 11365 Stockholm
Fan Wu; Bodil Elisabeth Valstad Aasan; Wooseong Kim; Ninni Norlinder; Britta Vera Elsert Gynning; Pille Strauss;

Wednesday 26 August 2026

- 09:00-09:50 **EPICOH 2026 Lifetime Award, Manolis Kogevinas** , Aula Medica: Erling Perssonsalen
Manolis Kogevinas, ISGlobal, Spain;
- 09:50-10:15 **Coffee Break** , Aula Medica: Erling Perssonsalen
- 10:15-11:45 **Radiation** , Scheele: Samuelssonsalen
Chairs: Won Jin Lee; Irina Guseva Canu
- 10:15-10:30 Global projections of thyroid cancer burden associated with residential proximity to nuclear power plants, 2020–2050
Ro-Ting Lin; Hathaichon Inchai; Lung-Chang Chien; Chang-Chuan Chan
- 10:30-10:45 Study Protocol for a Nationwide Cohort Study of Residents Living Near Nuclear Facilities in Korea
Ga Bin Lee; Songwon Seo; Sue K. Park; Soojin Park; Dalnim Lee; Sang Ah Lee; Minsu Cho; Eun-Shil Cha
- 10:45-11:00 Occupational Radon Exposure: Effective Dose and Lung Cancer Risk Assessment
Sabrina Gravel; Sid-Ahmed Ryad Tiarti; Maude Pomerleau; Patrick Poulin; Marie-Hélène Bourgault; France Labrèche
- 11:00-11:15 Radon exposure, smoking and lung cancer mortality: evidence from an international pooled analysis of uranium miners
David Richardson; Heechan Lee; Dominique Laurier; Estelle Rage; Paul A Demers; Nora Fenske; Veronika Deffner; Michaela Kreuzer; Jonathan Samet; Kaitlin Kelly-Reif; Mary K Schubauer-Berigan; Ladislav Tomasek; Lydia Zablotska; Charles Wiggins
- 11:15-11:30 Risk of death from brain tumors and external exposure to ionizing radiation in healthcare professionals: dose-risk analyses
Clémence BAUDIN; Altay Myssayev; Philippe Lestaevél; Sylvaine Caër-Lorho; Isabelle Thierry-Chef; Marie-Odile Bernier
- 11:30-11:45 Comparative study of algorithm-derived cancer incidence in permanent nuclear workers with that of a general population sample
Clémence BAUDIN; Choisie MUKAKALISA; Naby DIA; Eric SAMSON; Corinne MANDIN; Olivier LAURENT
- 10:15-11:45 **Cancer 2** , Scheele: Franklin
Chairs: Kurt Straif; Camille Giampiccolo
- 10:15-10:30 Occupational Exposure to Respirable Crystalline Silica (RCS) and Laryngeal Cancer Risk: A Systematic Review and Meta-Analysis
Christina Milani; Kurt Straif; Paul J. Villeneuve
- 10:30-10:45 Occupational exposure to multiple solvents and head and neck cancer risk: results from the ICARE study
Chloé Marcelin; Juvencio Ayosso; Danièle Luce; Kendya Gene; Christine Barul
- 10:45-11:00 Probability of Causation for Occupational Lung Cancer Compensation: A Scoping Review of Methods and Alternatives
Javier Mancilla Galindo; Martijn A. H. Oude Voshaar; Lützen Portengen; David van Klaveren; Roel Vermeulen; Susan Peters
- 11:00-11:15 Bladder cancer and the role of multiple occupational exposures
Tracy L. Kirkham; Shannon Halls; Fatima Ali; Tanya Navaneelan; Nathan DeBono; Paul A Demers; Jeavana Sriharan
- 11:15-11:30 Lung cancer and Silicosis: Experiences of the German Porcelain Workers Cohort Study
Thomas+ Birk; Kenneth A. Mundt

- 11:30-11:45 Occupational Respirable Crystalline Silica Exposure and Lung Cancer Subtypes: A Nationwide Cohort Study of Working Age Workers in Denmark
Signe Hjuler Boudigaard; Rikke Mølgaard Jeppesen; Ida Kristensen; Henrik Kolstad; Johan Ohlander; Susan Peters; Hans Kromhout; Zara Ann Stokholm
- 10:15-11:45 Minisymposia 7: Navigating Nordic workplaces: the state of knowledge on organization-level psychosocial interventions**, BZ: Jacob Berzelius
Chairs: Birgit Aust; Margrethe Bjørnstad; Gun Johansson; Caleb Leduc; Laura Salonen
- 10:15-10:33 Organization-level psychosocial interventions in Finland
Svetlana Solovieva; Laura Salonen
- 10:33-10:51 Organization-level psychosocial interventions in Denmark
Birgit Aust; Mathilde Munk Andersen; Margrethe Bjørnstad; Rachel Louise Hasting; Morten Birkeland Nilsen; Gun Johansson; Taina Leinonen; Svetlana Solovieva; Laura Salonen
- 10:51-11:09 Organizational-level psychosocial interventions in Norway
Margrethe Bjørnstad; Rachel Louise Hasting; Birgit Aust; Gun Johansson; Mathilde Munk Andersen; Taina Leinonen; Svetlana Solovieva; Morten Birkeland Nilsen; Laura Salonen
- 11:09-11:27 Organization-level psychosocial interventions in Sweden
Gun Johansson; Birgit Aust; Mathilde Munk Andersen; Margrethe Bjørnstad; Rachel Louise Hasting; Morten Birkeland Nilsen; Taina Leinonen; Svetlana Solovieva; Laura Salonen
- 11:27-11:45 A reflective discussion of the evidence for organisation-level psychosocial interventions in four Nordic countries
Caleb Leduc;
- 10:15-11:45 Minisymposia 8: Evaluating the impact of occupational and environmental health hazard evaluations and epidemiological research on policies to prevent disease: Methods and case-studies**, BZ: Andreas Vesalius
Chairs: Ruth Lunn; Mary K Schubauer-Berigan
- 10:15-10:30 Impact analysis of occupational hazard assessments on policy decision-making: An approach and recommendations for occupational epidemiology
Suril Mehta; Kimberly Osborn; Kelly Shannon; Megan Kung; Courtney Lemeris; Sophie Hearn; Michael Conti; Ruth Lunn
- 10:30-10:45 Evaluating short-term and long-term policy impacts for cancer hazard identification: Two case studies from the IARC Monographs
Mary K Schubauer-Berigan;
- 10:45-11:00 How do health hazard assessments play a role in risk assessment for the occupational setting? Two examples from the Netherlands
Susan Peters; Daisy Boers; Lützen Portengen; Anjoeka Pronk; Dick Heederik
- 11:00-11:15 Impact of etiological epidemiological studies: case example of the NIOSH ethylene oxide cohort.
Kaitlin Kelly-Reif;
- 11:15-11:45 Discussion
- 10:15-11:45 Job-Exposure Matrices (JEM)**, BZ: Christina Larsdotter
Chairs: Calvin Ge; Marie-Elise Parent
- 10:15-10:30 JEM Soignances: what correlation with existing job-exposure matrices for healthcare professionals?
Alexis Descatha; Marc Fadel; Fabien Gilbert; Hanifa Bouziri; group Ester-MESuRS collaboration on occupational risks; Marie Zins; Laura Temime; Laurent Poiroux
- 10:30-10:45 A German job exposure matrix for COVID-19 infections (COVID-19-JEM) based on data from the Gutenberg COVID-19 Study (GCS)
Janice Hegewald; Karin Rossnagel; Sylvia Jankowiak; Michaela Prigge; Julian Chalabi; Daniela Zahn; Rieke Baumkötter; Simge Yilmaz; Stephan Letzel; Pavel Dietz; Irene Schmidtmann; Thomas Münzel; Karl Lackner; Alexander Schuster; Manfred Beutel; Martin Schütte; Philipp Wild
- 10:45-11:00 A quantitative job exposure matrix for Europe - EuroJEM noise JEM
Mattias Sjöström; Abid Lashari; Zara Stokholm; Henrik Albert Kolstad; Anjoeka Pronk; Maria Albin; Jenny Selander; Karolinska Institutet, Sweden
- 11:00-11:15 Development of Job-Exposure Matrices for Trichloroethylene, Tetrachloroethylene, and Formaldehyde in Chinese Workplaces
Jia Nie; Calvin Ge; Melissa Friesen; Lauren M. Hurwitz; Qing Lan; Nathaniel Rothman; Roel Vermeulen; Susan Peters
- 11:15-11:30 Exposure to diesel exhaust and prostate cancer risk : comparing risk estimates using a quantitative job-exposure matrix and expert assessment
Leslie Kouam; Roel Vermeulen; Calvin Ge; Miceline Mésidor; Jennifer Yu; Jérôme Lavoué; Philippe Sarazin; Marie-Elise Parent
- 11:30-11:45 Swiss gender, age, and time-specific job-exposure matrix for night shift work: construction and convergent validity assessment
Irina Guseva Canu; Jé Sugnon Ezéchiél Djohi; Pedro Marques-Vidal
- 11:45-12:45 Lunch**, BZ: Entrance hall

- 12:45-14:15 Disease Surveillance 2**, Scheele: Samuelssonsalen
Chairs: Rafael E. de la Hoz; Ankit Sheth
- 12:45-13:03 Health Effects Associated with Residential Proximity to Petrochemical and Chemical Industrial Emissions: A Population-Based Health Risk Assessment
Bhavesh Modi; Ankit Sheth
- 13:03-13:21 Noise-Induced Hearing Loss in a Large Cohort of Military Personnel: Sex-stratified Associations with Trade and Workplace Noise Exposure
Laura Bogaert; Brent Jones
- 13:21-13:39 Occupational mortality in the Netherlands
Petra Eysink; Maaïke van der Noordt; Gulliver de Boer
- 13:39-13:57 STARS Cohort: Occupational Health and Prevention at RATP
Thibault VALLET; Amélie DEBATISSE; Abdelkrim ZIAD; Valérie JOUANNIQUE; Fabrice RUIZ
- 13:57-14:15 Implementation of a holistic approach to occupational health care: a qualitative interview study with occupational physicians in Germany
Solveig Aupers; Falk Liebers
- 12:45-14:15 Climate Change and Extreme Temperatures**, Scheele: Franklin
Chairs: Kristina Jakobsson; Tosca O.E. de Crom
- 12:45-13:00 Telehealth for Health System Resilience in Extreme Weather: A Review and Conceptual Framework
Jacqueline Ferguson; Valerie McDonald; Samuel Castro; Linnaea Schuttner; Donna Zulman
- 13:00-13:15 Occupational Cold Exposure, Multi-Sensor Field Measurements, and Cardiovascular Biomarkers: Findings from the Intercambio Study in Sweden
Frida Wiik; Karin Grahñ; Abid Lashari; Mattias Sjöström; Maria Albin; Theo Bodin, Karolinska Institutet, Sweden; Anjoeka Pronk; Henrik Kolstad; Bernice Scholten; Peter Alshede Philipsen; Michelle C. Turner; Manosij Ghosh; Jenny Selander, Karolinska Institutet, Sweden
- 13:15-13:30 Shaping the Future of Climate and Occupational Health research: Stakeholder Priorities and Research Agenda
Neil Pearce; Kurt Straif; Manolis Kogevinas, ISGlobal, Spain
- 13:30-13:45 Workplace actions and plans for extreme heat protection: evidence from systematic review and interviews with Chilean companies
Yasna Palmeiro Silva; Felipe Rivera; Catalina Leighton
- 13:45-14:00 Annual exposure to occupational heat stress and lung function
Tosca O.E. de Crom; Calvin Ge; Bernice Scholten; Boris Kingma; Judith M. Vonk; Hans Kromhout; Jenny Selander, Karolinska Institutet, Sweden; Alexander Wilhelm Gorny; Henrik Albert Kolstad; Ingrid Sivesind Mehlum; Michelle C. Turner; Vivi Schlünssen; Anjoeka Pronk
- 14:00-14:15 EXPOSURE TO EXTREME TEMPERATURES AND WORKPLACE ACCIDENTS IN WORKERS FROM DIFFERENT OCCUPATIONAL FIELDS
Rolando Vilasau; Rodrigo Puentes; Karla Yohannessen
- 12:45-14:15 Minisymposia 9: Occupational exposures during pregnancy and health effects in the mother and child**, BZ: Jacob Berzelius
Chairs: Karin Sørig Hougaard; Jenny Selander, Karolinska Institutet, Sweden
- 12:45-13:03 Relative risks and excess fractions of adverse pregnancy outcomes across maternal occupation during pregnancy: nationwide register cohort studies
Karin Sørig Hougaard; Astrid Juhl Andersen; Harald Hannerz; Marie Pedersen; Sandra Søgaard Tøttenborg; Esben Meulengracht Flachs; Jens Peter Bonde; Jenny Selander, Karolinska Institutet, Sweden; Luise Mølenberg Begtrup; Camilla Sandal Sejbaek
- 13:03-13:21 Parental Occupational Exposure to Chemicals and Particles and Childhood ADHD and ASD of Offspring: A Population-based Study from Sweden
Fan Wu; Libor Šulc; Abid Lashari; Karl Lundin Remnélius; Andrei Pyko; Alicia Nevriana; Claudia Lissåker; Karin Sørig Hougaard; Mattias Sjöström; Pernilla Wiebert; Sven Bölte; Per Gustavsson; Maria Albin; Jenny Selander, Karolinska Institutet, Sweden
- 13:21-13:39 Occupational standing, walking, and forward bending during pregnancy and the risk of miscarriage - A Danish nationwide register-based cohort study
Hannah Nørtoft Frankel; Camilla Sandal Sejbaek; Esben Meulengracht Flachs; Mette Korshøj; Sandra Søgaard Tøttenborg; Jens Peter Bonde; Laura Deen; Jonathan Aavang Petersen; Christina Bach Lund; Luise Mølenberg Begtrup
- 13:39-13:57 The maternal occupational exposome during pregnancy and risk of autoimmune diseases in offspring (EXPO-AID)
Mette Møller Dornfeldt; Luise Mølenberg Begtrup; Esben Meulengracht Flachs; Sandra Søgaard Tøttenborg; Charlotte Myrup; Mia Glerup; Jesper Johannesen; Lone Skov; Karin Sørig Hougaard; Camilla Sandal Sejbaek
- 13:57-14:15 Developing a Comprehensive Risk Assessment Tool for Occupational Hazards in Pregnancy
Karin Grahñ; Per Gustavsson; Anette Linnerjö; Jenny Selander, Karolinska Institutet, Sweden

- 12:45-14:15 Minisymposia 10: Occupational lung cancer: New opportunities to intervene through enhanced surveillance and screening** , BZ: *Andreas Vesalius*
Chair: *Sara De Matteis, University of Turin, Italy*
- 12:45-13:00 The epidemiological evidence on occupational lung cancer: the SYNERGY project
Ann Olsson;
- 13:00-13:15 The importance of occupational cancer and carcinogen surveillance for lung cancer prevention
Paul A Demers; *Jeavana Sriharan; Victoria Arrrandale; Cheryl Peters*
- 13:15-13:30 Empirical evidence of occupational lung cancer screening success
Steven Markowitz; *Amy Manowitz; Albert Miller*
- 13:30-13:45 Implementation of occupational exposure assessment in lung cancer screening: first evidence from an Italian programme.
Sara De Matteis, University of Turin, Italy; *Luca Novelli; Dario Consonni; Giulia Cosentino; Federico Raimondi; Fabiano Di Marco; Antonella Smedile; Paolo Marra; Stefania Angioletti; Paola Tessitore; Sandro Sironi*
- 13:45-14:00 Probability of causation in individual workers: considering uncertainty in the exposure response relation
Dick Heederik; *Javier Mancilla Galindo; Henk van der Molen; Susan Peters; Hans Kromhout*
- 14:00-14:15 Panel discussion
- 12:45-14:15 Psychosocial Exposures** , BZ: *Christina Larsdotter*
Chairs: *Hugo Westerlund; Britta Vera Elsert Gynning*
- 12:45-13:00 Patterns of different psychosocial work environments and their association with sickness absence due to psychiatric and musculoskeletal diagnoses
Linnea Eriksson; *Daniel Väisänen; Therese Hellman; Magnus Lindwall; Elin Ekblom-Bak*
- 13:00-13:15 Presenteeism and feelings of being inadequately reciprocated by work among school principals
Roger Persson; *Ulf Leo; Anna Oudin; Carita Håkansson*
- 13:15-13:30 Five-year trajectories in workplace bullying and long-term risk of depressive symptoms among a representative sample of 1,535 workers in Germany
Hermann Burr; *Paul Conway; Annina Braunreuther; Cristian Balducci; Uwe Rose; Friederike Buchallik; Reiner Rugulies; Ina Schöllgen*
- 13:30-13:45 Associations between onset of highly adverse psychosocial working conditions and subsequent levels of depressive symptoms in the Danish workforce.
Reiner Rugulies; *Jeppe Karl Sørensen; Anna Brieve; Sandra Nielsen; Nanna P. Larsson; Birgit Aust; Paul Lambert; Andrea Sinesi; Johanna Cresswell-Smith; Caleb Leduc; Ella Arensman; Ida Madsen; PROSPERH Consortium*
- 13:45-14:00 Changes in the psychosocial work environment and health outcomes in workers: an update from a living systematic review of prospective studies
Caleb Leduc; *Andrew Dyer; Birgit Greiner; Ida Madsen; Reiner Rugulies; Maura Smiddy; Alexandra Perez-Tseyen; Raquel Lucas; Catarina Pires; Johanna Cresswell-Smith; Silvia Riva; Ella Arensman; PROSPERH Consortium*
- 14:00-14:15 Multiple discrimination at work and depression: Results from a cross-sectional analysis in Germany
Tobias Weinmann; *Britta Herbig; Felix Forster; Laura Wengenroth; Dennis Nowak; Christian Vogelberg; Katja Radon*
- 14:15-15:15 Poster Session 2 incl. Coffee Break** , BZ: *Entrance hall*
- 1 Mental Health and Work Ability among Older Workers Continuing Employment Beyond the Statutory Retirement Age
Pin Yu Chen; *Po-Ching Chu*
 - 2 Cumulative Manganese Exposure Accelerates Biological Aging in Welders: An Interaction Analysis of Urinary Metals and years of service
Sheng-Yun Lai; *Ching-Huang Lai*
 - 3 Patterns of motion-related occupational injuries among older workers in Japan
Rina So; *Tomoaki Matsuo; Fumiko Murai; Ryohei Kashima; Satoshi Seino; Shigeo Tanaka*
 - 4 Associations Between Work-Shift Changes in Urinary Metal Mixture, Oxidative Stress, and Insulin Resistance Among Shipyard Workers
Ruei-Jing Gao; *Ding-Hao Lu; Chun-Chih Hsu; Ching-Huang Lai*
 - 5 Carcinogenicity mechanism of major ambient air pollutants: An analytical occupational study with threshold-based exposure
Muhammad Waseem Khan; *Shehnaz Khan Jomezai; Naik Bakht; Rahima Batool*
 - 6 Heavy Metal Exposure among E-Waste and Non-E-Waste Dismantling Workers
Kannalinya Boontee; *Martie van Tongeren; Andrew Povey*
 - 7 Human Hair as a Complementary Biomonitoring Matrix for Broad-Spectrum Per- and Polyfluoroalkyl Substances Exposure Assessment
Jing-Fang Hsu; *Pao-Chi Liao; Tzu-Chieh Chou; Chih-Wei Chang; Yu-Xuan Lin*

- 8 Large language model Derived Organ-Specific Biological Age Gap Linking Occupational Exposure, Metal Burden, and Pulmonary Response in Shipyard Workers
Ching-Huang Lai; Chun-Wei Hsu; Ching-Po Lin
- 9 Beyond Fatigue: Demoralization as the Critical Pathway from Poor Sleep to Post-Traumatic Stress Disorder in Firefighters
Ping-Yi Chuang; Fu-Yun Liu; Ching-Huang Lai; Chin-Bin Yeh; Ching-Po Lin; Chun-Wei Hsu
- 10 Analysis of global and Chinese disease burden of hearing loss from 1990 to 2019
Meina Chi; Keyong Li; Hutao Huang; Guangde Sui
- 11 An epidemic far from over: projections of mortality from malignant mesothelioma in Mexico
Alejandro Cabello López; Eduardo Pérez Castro; Guadalupe Aguilar Madrid; Cuauhtémoc Arturo Juárez Pérez; Carmina Jiménez Ramírez; Elodia Rojas Lima
- 12 Changes in Legislation concerning Carcinogenic Agents – Implications for Workplaces
Sanni Uuksulainen; Tuula Liukkonen; Milja Koponen; Mika Liuhamo; Maria Hirvonen; Jenni Kaisto; Tiina Santonen
- 13 Cancer-related work disability in Brazil: analysis of social security benefits, 2022–2024
Isabella Valentini Ferreira; Lucas Freitas Nasi dos Santos; Renato Lima da Silva; João Silvestre Silva-Junior
- 14 Cancer incidence in healthcare workers in France: a national population-based cohort study using EDP-santé database
Céline Lamouroux; Aubane L'Hospital; Cécile Payet; Havet Anaïs; Violaine Fernandez; Corinne Pilorget; Emmanuel Fort; Marie Lefevre; Geoffroy-Perez Béatrice; Péron Julien; Viprey Marie; Charbotel Barbara
- 15 Occupational Exposure to Carcinogens in the E-Waste Sector: A Scoping Review
Antonio d'Errico; Javier Mancilla Galindo; Stephanie Poncos; Susan Peters
- 16 Cardiovascular mortality among smelter industry workers
Merete Drevvatne Bugge; Bente Ulvestad; Dag Ellingsen
- 17 Cardiovascular Diseases and Fitness-for-Work Decisions Among Professional Drivers
Emna BECHRIFA; Nihel Khouja; Emna Baraketi; Farah Taleb; Fatma Boujmil; Oumaima Zaghdoudi; Zeineb Ben Nemsia; Jihen Hsinet; Aida Benzarti
- 18 A repeated-measures study on assessing mental health impacts of hot weather among outreach healthcare providers in Hong Kong
YUFEI LIU; Lap Ah TSE; Hiu Yu Natalie Tang; Feng Wang
- 19 Extreme Temperature Exposure and Heat-Related Illnesses among Farmers in Taiwan: A Nationwide Time-Stratified Case-Crossover Study
Wei-Te Wu; Yun-Ya Wang; Yin-Ching Chian; Jyun-Ming Chen
- 20 Measurement differences in occupational surveillance spirometries classified based on quality
Rafael E. de la Hoz; Zitong Zhang; John T. Doucette; Jonathan Weber; Juan C. Celedon
- 21 Feasibility Study: Establishing a National Dataset of Occupational Health Assessments
Damien Mcelvenny; Martie van Tongeren; Evangelia Demou; Chris Warjurst; Peter Elias
- 22 Comparative Analysis of Asbestos Regulatory and Management Systems in Developing Countries: Implications for WHO Collaborating Center Activities
SEOL SOHYEN; KIM SUJIN
- 23 Assessment of Microbiological Contamination Exposure in the Plastic Waste Industry Using Passive Sampling Methods
Susana Viegas; Carla Viegas; Pedro Pena; Renata Cervantes
- 24 Developing a composite occupational exposure risk index for healthcare workers: Towards JEM-based assessment of airborne infectious disease exposure
Sibel Kiran; Özgür Bilek; Mahmut Saadi Yardım
- 25 Characterization of the external working life exposome with an integrated set of exposure methods
Miranda Loh; Fiona S Carson; Will Mueller; Sander Ruiter; Anjoeka Pronk; Jan Mink; Anne Mette Lund Würtz; Barbara N Harding; Vivi Schlünssen; Jorunn Kirkeleit; Gemma Castaño-Vinyals; Anne Helene Garde; Karin Broberg; Susan Peters; Eelco Kuijpers
- 26 Parental Occupational Exposures and Pregnancy Outcomes
Abigail Shirzadi; Igor Burstyn; Tran Huynh
- 27 Can former professional association football players reliable recall their playing career?
Ioannis Basinas; Helena Copsey; Fiona S Carson; Finlay Brooker; Steven Robertson; Yvonne van Hoeckec; Simon Kemp; Giulia Seghezze; Neil Pearce; Valentina Gallo; Damien Mcelvenny; John W Cherrie
- 28 Work Injuries and Socio-Economic factors: the WISE project
Mattia Roberto Nocilla; Stefano Mattioli; Matteo Bonzini; Giuseppe Campo; Nicola Caranci; Giulia Cesaroni; Elena Farina; Angelo D'Errico; Donatella Talini; Roberto Leonbruni; Luigi Vimercati; Giuseppe De Palma; Maria Giuseppina Lecce; Nicola Murgia; Stefania Curti

- 29 Sustained Cardiorespiratory Fitness Improvement After a Web-Based Workplace HIIT Program: One-Year Follow-Up
Fumiko Murai; Rina So; Tomoaki Matsuo
- 30 Effectiveness of occupational safety and health training for employees exposed to hazardous substances or biological agents: a scoping review
Chloé Charlotte Schröder; Julia Reese; Claudia Drossard
- 31 Association Between Effort-Reward Imbalance, Over-Commitment, and Multidimensional Work Fatigue in Hospital Ward Nurses
Ping-Kao Hsieh; Po-Ching Chu
- 32 Factors Associated with post-traumatic stress disorder among healthcare workers in public hospitals in Gauteng, South Africa 2022
Kerry Wilson; Makande Melane
- 33 A sex-stratified comparison of occupational stress and mental health outcomes among Canadian Armed Forces members
Kate St. Cyr; Deborah Weiss; Heidi Cramm; Alice Aiken; Linna Tam-Seto; Tristan Derry; Alyson Mahar
- 34 Income source-based working type and mental disorder prevalence: A nationwide study of 24 million Korean workers
Inah Kim; Yangwoo Kim
- 35 Alcohol Consumption in the Workplace in Luxembourg: Prevalence, Risk Groups and the Need for Workplace Prevention
Philipp Sischka; Philipp Sischka
- 36 Challenges in building the WORK, HealTH, inequalITies (WORTH-IT) retrospective cohort from linked French administrative data
Emilie Counil; Léna Silberzan
- 37 Are we generating actionable evidence? A systematic review of informativeness, bias and causal strength in bus driver cohort studies
Daniela Prozorovskaia; Sorina Hohor; Goran Gajski; Marina Ruxandra Otelea; Jelena Macan; Irina Guseva Canu
- 38 Development of a multimodal screening score for early detection of functional upper limb disorders: an exploratory study
Marija Burcena; Madara Kivleniece; Jaroslava Govorova; Jelena Reste
- 39 Application of artificial intelligence, internet of things, and low-cost sensors to estimate individual noise levels in the workplace
TA-YUAN CHANG; Ching-Yu Tung; Li-Hao Young; Tsung-Hung Lin
- 40 Occupational pesticide exposure and accelerated biological aging: longitudinal evidence from the Lifelines Cohort
Shanshan Zuo; Tim van Zutphen; Hans Kromhout; Judith M. Vonk
- 41 Pesticide Exposure and Occupational Risk Assessment among Framers in Southern Philippines
Jinky Leilanie Lu;
- 42 Chemical contamination in milking parlors of dairy cattle farms
Cecile Chevrier; Gaelle Raffy; Laura Le Martelot; Gaelle Saramito; Emilie Surget; Christine Monfort; Barbara Le Bot; Francois Beaudeau
- 43 Development of psychosocial job exposure matrix
Chunhui Suh;
- 44 Parental health and working conditions after childbirth: Protocol of a longitudinal study
Aline Sadowski; Amandine Mudry; Christine Cohidon; Isabelle Probst; Peggy Krief
- 45 Maternal agricultural exposure during pregnancy and birth outcomes, in the AGRiculture and CANcer (AGRICAN) cohort
Lucie de Graaf; Marie Tartaglia; Séverine Tual; Pierre Lebailly; Isabelle Baldi; Fleur Delva
- 46 Latency and Long-Term Health Outcomes of Occupational Nitric Acid Exposure in Steel Wire Workers: A Case Series
Hsu-Li Huang; Chi-Hsien Chen; Po-Ching Chu
- 47 Influenza Vaccination Uptake and Time-to-Vaccination Among Hospital Staff During a Staff Mass Influenza Vaccination Campaign
Zai Feng Elliot Eu; Kee Leng Chua
- 48 Peer-Led Health Promotion in the Workplace: Improving Menstrual Hygiene among Garment Workers in India
Merlyn Joseph; Bobby Joseph
- 49 Intra-Tour Shift Timing and Cognitive Fatigue Among Firefighters
Bridget Bender; Andrew Ryan; J. Roxanne Prichard; Stephanie Hooker; Bruce H. Alexander; Ajeet Yadav; Gwendolyn Powell; Hyun Kim
- 50 Ergonomic assessment of night shift among healthcare personnel
Marcello Campagna; Alessandra Serra; Roberta Rosmarino; Giulio Oppes; Cinzia Aresu; Igor Portoghese; Sergio Pili; Luigi Isaia Lecca

- 51 Short-term physiological effects of night shiftwork and psychosocial factors on neurocognitive performance and autonomic balance in healthcare workers
Luigi Isaia Lecca; Igor Portoghese; Maria Francesca Piazza; Renzo Schintu; Alessandra Serra; Sergio Pili; Marcello Campagna
- 52 The association between night work and glycated hemoglobin ((HbA1c): A field study in women without diabetes
Kirsten Nabe-Nielsen; Barbara N Harding; Marie Tolver Nielsen; Rasmus H. Reeh; Mette Sallerup; Vivi Schlünssen; Anne Helene Garde
- 53 Night work and co-occurring shift characteristics and risk of incident ischemic heart disease among US Manufacturing Workers
Jacqueline Ferguson; Ellen Eisen; David Rehkopf; Sadie Costello, University of California, Berkeley School of Public Health, USA
- 54 Evaluation of Mycotoxins in Atmospheric Particulate Matter
WEI-CHEN CHEN; CI-JHEN LEE; CHANE-YU LAI
- 55 Assessment of health determinants in the urban passenger transport sector, results of the M-Bus-AURA regional diagnosis
Marie-Agnès DENIS; Esra Tezgel; Marie Lefevre; Floriane Bellus; Nathalie Biot; Magdalena Bizighescu; Jean-Michel Castelan; Gean-Franco Causapruna; Mohamed Diabate; Cyril Genet; Martine Jacquand; Vanessa Lamothe; Thomas Lieutaud; Delphine Ollagnon; Stéphane Onzon; Izabela Piatek; Véronique Poupet; Véronique Roméas; Christine Roset; Marie-Noelle Sombardier; Thibaud Steinmetz; Nadine Vial; Hassina Zouaoucha; François-Xavier Thomas; Barbara Charbotel
- 56 An Exploratory Study of Occupational Health and Safety Risks in Electric Vehicle Maintenance
Lena Andersson; Katerina Kraus; Catherine Trask
- 57 Health Patterns in Military Firefighters: Preliminary Findings from an Ongoing Occupational Cohort
Laura Bogaert; Danielle Marion; Jean-Sébastien Chassé; Brent Jones
- 58 Remote working: managers' perceptions and experiences: a study of a French occupational health service
REGINE CODRON;
- 59 Actual versus preferred extent of telework: prospective associations with well-being among white collar employees
Marina Heiden; David Hallman; Gunnar Bergström
- 60 Framing the Canada Post Strike: A Media Analysis of Labour Coverage in Canadian News
Emily Heer; Joanne Telfer; Rebecca Hasdell; Oralia Gomez-Ramirez; Cheryl Peters
- 61 Artificial Intelligence (AI) in work organizations: between opportunities and vulnerabilities, managers' perceptions
Celine Zind;
- 62 Associations between Occupational Exposure to Endocrine-Disrupting Chemicals and Male Infertility
Hafsat Bulama; Andrew Povey; Allan Pacey; Drupad Trivedi
- 63 Joint Effects of Air Pollution and Noise on Renal Function: A Cross-Sectional Study in an Industrial City in Taiwan
SZU-YING CHEN; TA-YUAN CHANG
- 64 Workplace Characteristics and Prevention Activities of Workers with Occupational Contact Dermatitis by Industry Sector
Victoria Arrrandale; D Linn Holness
- 65 Automated Away: Fear of AI caused job losses by occupation and industry
Devan Hawkins; Mariam Rizvi
- 66 Occupational Epidemiology at the time of war: challenges in undertaking research milestones
Rima R. Habib; Iman Nuwayhid
- 67 The Invisible Burden of Imported Malaria in Civil Aviation: A 11-Year Occupational Health Surveillance and Legal Gap Analysis in Istanbul (2015-2025)
Zuhal Yazıcı Gökbulut; Nuri Bingöl

15:15-16:45 Epidemiological Methods and Exposure Assessment , Scheele: Samuelssonsalen
Chairs: Svetlana Solovieva; Javier Mancilla Galindo

15:15-15:30 Human Sentinel Surveillance for Occupational Exposures: Evidence from Pilot Implementations in Europe and Africa
Lode Godderis; Aziza Menouni; Kaoutar Chbihi; Imane Bensouda Korachi; Janne Goossens; Hilde De Raeve; Emine Aktas Bajalan; Embialle Mengistie Beyene; Kassahun Ebba; Janvier Egah; Marius Kedote Nonvignon; Younes Zegzouti Filali; Abdelghafour Marfak; Salim Bounou; Krystel Sias; Elisabeth Lettelier; An Van Nieuwenhuyse; Vivi Schlünssen; Radu Corneliu Duca; Helene Agostinis; Sofie Vandenbroeck; Samir El Jaafari

- 15:30-15:45 How to identify a healthy worker survivor effect empirically & interpret results from published studies: NIOSH's ethylene oxide cohort as a case study
Sadie Costello, University of California, Berkeley School of Public Health, USA; Sally Picciotto; Kaitlin Kelly-Reif; Ellen Eisen; Leslie T. Stayner
- 15:45-16:00 Quantifying exposure-employment relationships in healthy worker survivor bias
Alexander Keil;
- 16:00-16:15 Healthy worker survivor bias by sex in a cohort of radiation workers
Won Jin Lee; Jaeho Jeong; Young Min Kim
- 16:15-16:30 Mapping and prioritizing evidence for knowledge-based policy making in the EU-project EXPOSIM
Manosij Ghosh;
- 16:30-16:45 Estimating thresholds for exposure to respirable crystalline silica in relation to risk of silicosis based on epidemiological data
Kenneth Mundt; Thomas Birk; Jing Qian; Igor Burstyn; Julie Goodman
- 15:15-16:45 Microbiological Exposures , Scheele: Franklin**
Chairs: Maria Albin; Mattias Sjöström
- 15:15-15:33 Tuberculosis-Related Disability Benefits and Occupational Nexus in Brazil: A Focus on the Hospital Sector (2022–2024)
Isabella Valentini Ferreira; João Silvestre Silva-Junior
- 15:33-15:51 Interventions to Reduce Workers' Exposure to Bioaerosols in Biowaste Recycling Plants
Hjördís Birna Árnadóttir; Margit Wagtberg; Gisli G. Einarsson; Michael M Tunney; Katherine Priest; Anne Mette Madsen
- 15:51-16:09 Livestock Exposures and Antimicrobial Resistant Salmonella Infections, Minnesota, United States, 2012-2023
Carrie Klumb; Bruce H. Alexander; Kelly Searle; Annastasia Gross; Malia Ireland; Kirk Smith
- 16:09-16:27 A quantitative algorithm to estimate endotoxin exposure in the Agricultural Health Study
Melissa Friesen; Pabitra Josse; Shuai Xie; Alexander Keil; Christine Parks; Dale Sandler; Gabriella Andreotti; Jonathan Hofmann; Laura Beane E Freeman, US National Cancer Institute, USA
- 16:27-16:45 Museum fungi on display: Inflammatory potential of xerophilic fungi and their occupational risk for cultural heritage staff
Katherine Priest; Jeppe Nielsen; Anne Mette Madsen
- 15:15-16:45 Minisymposia 11: Military Occupational Exposures and Cancer: Limitations and Opportunities, BZ:**
Jacob Berzelius
Chair: Kaitlin Kelly-Reif
- 15:15-15:45 Limitations and opportunities for the use of death certificates to study cancer mortality in military populations
Candice Johnson; Lucy Akushevich; Heather Batchelder; Ashley Price; Katelyn Holliday; Elliot Hill; Laura Fish; Devdutta Sangvai; Truls Ostbye
- 15:45-16:15 All-cause and cancer-specific mortality among US personnel conducting radiological clean-up work as part of the Enewetak Atoll Clean-up Project
Jessica Rinsky; Eric Lundstrom; Stephen Bertke; Kaitlin Kelly-Reif
- 16:15-16:45 Military veterans at Manhattan Project sites: Occupational exposures and cancer
David Richardson;
- 15:15-16:45 Working hours , BZ: Andreas Vesalius**
Chairs: Mikko Härmä; Isabel Santonja García-Ramos
- 15:15-15:33 Associations of part-time work with sickness absence and turnover in public social and healthcare in Finland – a longitudinal work-unit level study
Annina Ropponen; Kati Karhula; Elli Hartikainen; Taina Leinonen
- 15:33-15:51 Long Working Hours and Major Adverse Cardiovascular Events: A Prospective Cohort Study with Systematic Sensitivity Analysis
Jongin Lee; Mo-Yeol Kang; Min Young Park; Jun-Pyo Myong
- 15:51-16:09 Exploring the health and well-being benefits of reduced working hours with maintained salary: A scoping review and evidence map
Mireia Utzet; Merce Soler-Font; Jose Maria Ramada; Marta Menéndez; Michael Silva-Peñaherrera; Fernando G Benavides; Consol Serra
- 16:09-16:27 Working hour characteristics and risk of occupational injury among manufacturing workers: a case-crossover analysis based on shift schedules
Jacqueline Ferguson; Ellen Eisen; David Rehkopf; Sadie Costello, University of California, Berkeley School of Public Health, USA; Linda Cantley
- 16:27-16:45 Anxiety, Depression and Stress in Night Shift Workers: Findings from the EPHOR-NIGHT Study
Gemma Castaño-Vinyals; Ana Espinosa; Maria Albin; Karin Broberg; Anne Helene Garde; Kirsten Nabe-Nielsen; Oleguer Plana-Ripoll; Manolis Kogevinas, ISGlobal, Spain; Barbara N Harding

15:15-16:45 **Meet The Editors** , BZ: Christina Larsdotter

19:00-01:00 **Conference dinner at Berns salonger** , Aula Medica: Erling Perssonsalen

Thursday 27 August 2026

09:00-10:45 **Heat Exposure and Kidney Disease** , Scheele: Samuelssonsalen

Chairs: Theo Bodin, Karolinska Institutet, Sweden; Alexander Wilhelm Gorny

09:00-09:21 Serum Total Immunoglobulin-E Levels Prior to Loss of eGFR in Individuals at Risk of Mesoamerican Nephropathy

Neil Pearce; Marvin Gonzalez-Quiroz; Sanskriti Agarwal; Alexandra Day; Ali Al-Rashid; Amin Oomatia; Ben Caplin

09:21-09:42 Neutrophil:lymphocyte ratio and cell-free DNA dynamics during excessive heat stress in occupational and experimental settings

Erik Hansson; Rachel Gilworth; Jason Glaser; Denis Chavarría; Bethany Skinner; Richard Johnson; Magdalena Madero; Mårten Segelmark; David H Wegman; Catharina Wesseling; Kristina Jakobsson; Rebekah Lucas

09:42-10:03 Prevalence and work-related risk factors for distribution of kidney function in sugarcane cutters and pesticide applicators in Eswatini

Kristina Jakobsson; Sibusiso Cyprian Msibi; Saloshni Naidoo; Rajen Naidoo; Jason Glaser

10:03-10:24 Cumulative occupational particle exposure and chronic kidney disease in the UK Biobank

Karl Kilbo Edlund; Ioannis Basinas; Martie van Tongeren; Anders Christensson; Yiyi Xu; Leo Stockfelt

10:24-10:45 Long term exposure to occupational heat assessed by a job exposure matrix and the risk of kidney disease in Denmark

Camilla Sandal Sejbaek; Tosca O.E. de Crom; Regitze Sølling Wils; Esben Meulengracht Flachs; Alexander Wilhelm Gorny; Simon Kok Jensen; Mary Njoroge; Neil Pearce; Henrik Albert Kolstad; Anjoeka Pronk; Luise Mølenberg Begtrup

09:00-10:45 **Gender and Reproductive Hazards** , Scheele: Franklin

Chairs: Karin Sørig Hougaard; Fan Wu

09:00-09:26 Developing a multi-dimensional measure of gender for quantitative work and health research

Peter Smith;

09:26-09:52 Physically Demanding Work Postpartum and the Risk of Pelvic Organ Prolapse Surgery: A National Register-Based Cohort Study

Luise Mølenberg Begtrup; Esben Meulengracht Flachs; Karen Ruben Husby; Niels Klarskov; Ulla Due; Kirubakaran Balasubramaniam; Dorte Jarbøl; Ditte Gommesen; Ane Berger Bungum Kofoed; Camilla Sandal Sejbaek

09:52-10:18 The maternal occupational exposome during pregnancy and risk of autoimmune diseases in offspring (EXPO-AID)

Mette Møller Dornfeldt; Luise Mølenberg Begtrup; Esben Meulengracht Flachs; Sandra Søgaard Tøttenborg; Charlotte Myrup; Mia Glerup; Jesper Johannesen; Lone Skov; Karin Sørig Hougaard; Camilla Sandal Sejbaek

10:18-10:45 Assessing occupational exposures and knowledge of workplace rights during pregnancy: the role of healthcare providers

Julia Goodman; Maria Penarrubia Sanchez

09:00-10:45 **Exposure Assessment 4** , BZ: Jacob Berzelius

Chairs: Hans Kromhout; Cynthia Porter

09:00-09:17 From chemicals to bioaerosols: Expanding the French exposure assessment by work situation tool

Jean-Francois Sauve; Andrea Emili; Barbara Savary; Gautier Mater

09:17-09:34 From Exposure Reduction to Protection: A Multi-Dimensional Evaluation of Drone-Based Pesticide Application in Taiwan

Nian-Jia Chen; Yun-Ya Wang; Fang-Yu Hung; Yin-Ching Chian; Miku Kono; Jyun-Ming Chen; Shian-Da Lin; Shih-Tzong Chen; Yu-Tang Hung; Wei-Te Wu

09:34-09:51 From workplace exposure to biological effects: integrated assessment of airborne particles from metal additive manufacturing

Lena Andersson; Alexander Hedbrant; Tuulia Hyötyläinen; Inger Odnevall; Magnus Engwall; Eva Samdahl; Andi Alijagic

09:51-10:08 The T-FOES Study: Heavy Metal Exposure Profiles among Firefighters in Central Taiwan Compared to the National Baseline

Hsin-Tung Tsai; Yu-Jen Lin; Nian-Jia Chen; Huei-Ju Liu; Ho-Tang Liao; Pau-Chung Chen; Tser-Sheng Lin; Wei-Te Wu

10:08-10:25 Controlling exposure to respirable dust and quartz in the European mineral industry. Has as low as technically possible been reached?

Nicola Blagrove-Hall; Remko Houba; Hans Kromhout

- 10:25-10:45 Methylomic profile of workers exposed to low-dose benzene in Milan, Italy
Laura Maria Antonangeli; Raimondo Castiglione; Luca Ferrari; Benedetta Albetti; Giovanni Vacondio; Tommaso Laurenzi; Angela Cecilia Pesatori; Elisa Borroni; Chiara Favero; Luca Boniardi; Laura Campo; Silvia Fustinoni; Michele Carugno
- 09:00-10:45 Working Arrangements**, BZ: *Andreas Vesalius*
- 09:00-09:21 Self-reported health and well-being according to employment situation: moving from categories to a gendered continuum
Emilie Counil; Hugo Frère
- 09:21-09:42 Employment Structures, Algorithmic Management, and Psychological Distress among Platform Workers in Sweden
Filippa Lundh; Sherry Baron; Theo Bodin, Karolinska Institutet, Sweden; Meike Brodersen; Carin Håkansta; Lauri Kokkinen; Trine Larsen; Lluís Mangot; Carles Muntaner; Eva Padrosa; Nuria Matilla-Santander
- 09:42-10:03 Does the impact of unemployment on mental health depend on previous employment conditions? A Longitudinal Study of Swedish Workers
Ninni Norlinder;
- 10:03-10:24 20 years of precarious employment in Belgium. Analysis of trends in inequalities and health based on the EPRES-proxy indicator.
Christophe Vanroelen; Julie Vanderleyden; Kim Bosmans
- 10:24-10:45 Duration of in-work poverty and risk of myocardial infarction and stroke: a nationwide cohort study
Woosong Kim; Sherry Baron; Melody Almroth; Gun Johansson; Theo Bodin, Karolinska Institutet, Sweden; Rod Hick; Kathryn Badarin
- 09:00-10:45 Pesticides and Other Chemical Exposures**, BZ: *Christina Larsson*
Chairs: Karl-Christian Nordby; Kendra Gene
- 09:00-09:17 Occupational exposure to dicamba and cancer risks from the AGRICAN cohort
Séverine Tual; Stéphanie Perrier; Nicolas Vigneron; David Mussard; Mathilde Bureau; Isabelle Baldi; Pierre Lebaillly
- 09:17-09:34 Occupational exposure to pyrethroid insecticides and cancer risks from the AGRICAN cohort
Séverine Tual; Cathy Tambue; Stéphanie Perrier; Nicolas Vigneron; David Mussard; Mathilde Bureau; Isabelle Baldi; Pierre Lebaillly
- 09:34-09:51 Urinary Organophosphate Ester Metabolites among Participants in the Canadian Health Measures Survey (2018-2019)
Fateme Kooshki; Miriam Diamond; Paul A Demers; Victoria Arrandale
- 09:51-10:08 Exposure to dithiocarbamate fungicides and lymphoid malignancies risk in the French AGRiculture and CANcer cohort
Shiméa Agossou; Mahamat Nour Mahamat Sultan; Anne-Claire Gac; Mathilde Bureau; Stéphanie Perrier; Agrican Group; Alain Monnereau; Isabelle Baldi; Séverine Tual; Pierre Lebaillly
- 10:08-10:25 Pancreatic cancer risk associated with Triazole fungicide exposure: sex-specific analyses in the AGRiculture and CANcer cohort, 2005-2017
Clémence Anoumba Ndiaye; Lucie de Graaf; Mathilde Bureau; Xavier Coumoul; Pierre Lebaillly; Isabelle Baldi
- 10:25-10:45 Exposure to pesticides and the risk of breast cancer in an international consortium of agricultural cohorts (AGRICOH)
Joanne Kim; Johan Ohlander; Marine Renier; Pierre Lebaillly; Isabelle Baldi; Laura Beane E Freeman, US National Cancer Institute, USA; Karl-Christian Nordby; Joachim Schüz; Hans Kromhout
- 09:00-10:45 Respiratory Health and Occupational Exposures**, Scheele: *Scheelesalen*
Chairs: Per Gustavsson; Laura Bogaert
- 09:00-09:17 Respiratory Symptoms and Exposure to Inhalable Paper Dust among Workers in the Paper Industry in Ethiopia: A Comparative Cross-Sectional Study
Ararso Tafese; Samson Wakuma Abeya; Wakgari Deressa; Abera Kumie; Teferi Abegaz; Magne Bråttveit; Bente Elisabeth Moen
- 09:17-09:34 Radon and mortality from non-malignant respiratory diseases in the Pooled Uranium Miners Analysis (PUMA) cohort
Mary K Schubauer-Berigan; Estelle Rage; Stephen J Bertke; Kaitlin Kelly-Reif; Michaela Kreuzer; Nora Fenske; Veronika Deffner; Jonathan Samet; Charles Wiggins; Ladislav Tomasek; Paul A Demers; Lydia Zablotska; Dominique Laurier; David B Richardson
- 09:34-09:51 Work-related asthma and its impact on work outcomes
Jan Hoving; Kaamran Uddin; Renate Juscikowski; Pieter Coenen; Sanja Kezic; Damien McElvenny; Henk van der Molen
- 09:51-10:08 Respiratory health of biofuel workers: a 20-year follow-up study
Anne Mette Madsen; Christine Cramer; Akila Muthalagu; Kirsten Østergaard; Victor Carp Kofoed; Vivi Schlünssen

- 10:08-10:25 Predicted and actual cases of mesothelioma in Australia – when is the peak likely to be reached?
Tim Driscoll; Melissa Goodwin; Brent Bufton; Brett Davis; Henry Wong; Fraser Brims; Sue Barker; Geza Benke; Meredith Bryant; Elizabeth Chalker; Claire Cooke-Yarborough; Jodie Deakes; Susie Harden; Justin Harvey; Sonja Klebe; Ewan MacFarlane; Kathleen Mahoney; Sarita Prabhakaran; Tom Watson; Phillip Wise; Amy Young; Karen Walker-Bone
- 10:25-10:45 Development of a Qualitative Exposure Assessment Tool for Individuals Exposed to Respirable Crystalline Silica
Naesinee Chaiear; Tanapol Watthanatham; Chatpong Ngamchokwathana
- 10:45-11:15 Coffee Break**, BZ: Entrance hall
- 11:15-12:45 Injuries**, Scheele: Samuelssonsalen
Chairs: Anne Helene Garde; Ching Chen
- 11:15-11:33 Occupational injuries in Ethiopia: a prospective hospital-based observational study
Hailemichael Mulugeta Workneh; Bente Elisabeth Moen; Teferi Abegaz; Wakgari Deressa
- 11:33-11:51 Co-exposure to psychosocial and physical work-related risk factors and occupational injuries by activity sector
Stéphanie Boini; Régis Colin
- 11:51-12:09 Effects of multiple exposure to physical and psychosocial risk factors on the occurrence of workplace injuries by gender
Régis Colin; Stéphanie Boini
- 12:09-12:27 Workers' compensation claim submission, mental health, and nature of injury among injured workers
Vicki Kristman; Neha Patel
- 12:27-12:45 Occupational and Environmental Health Monitoring in Small Scale Gold Mining in the Philippines
Jinky Leilanie Lu;
- 11:15-12:45 Intervention Studies**, Scheele: Franklin
Chairs: Emma Cedstrand; Caleb Leduc
- 11:15-11:33 Waste collection work: bioaerosol exposure, inflammation and symptoms – preventive targets
Anne Mette Madsen; Louise Vermaere; Margit Wagtberg; Gisli G. Einarsson; Hjördís Birna Árnadóttir; Michael M Tunney; Marie Svensmark Krag; Peter Hoet
- 11:33-11:51 Structural Equation Modelling of Sickness Absence and Psychosocial Working Environment Changes After Organizational Interventions in Public Care
Mikala Ernebjerg Jakobsen; Jacob Pedersen
- 11:51-12:09 Short- and Long-Term Effects of ITASPA – a Workplace Intervention Integrating Health Promotion, Disease Prevention, and Work Organization
Mette Korshøj; Margrethe Bordado Streymá; Vivian Rueskov Hoff; Jonas Christian Lunen; Janne Julie Møller; Ole Steen Mortensen
- 12:09-12:27 Toolbox for the Prevention of Skin Cancer Among Outdoor Workers: An Intervention Study
Henk van der Molen; Florentine de Boer; Daisy Vreenegoor; Jos Twisk; Jack van der Gragt; Thomas Rustemeyer; Sanja Kezic
- 12:27-12:45 Results from a workplace-based personalized lifestyle intervention: a randomized controlled trial
Daniel Söderberg (shared presentation by HE and DS); Stephanie E Bonn; Ylva Trolle Lagerros
- 11:15-12:45 Joint Minisymposia 12: Crossing Borders in Migrants' Health and Work**, BZ: Jacob Berzelius
Chairs: Lutgart Braeckman, Ghent University, Belgium; Rafael E. de la Hoz; Begoña Martínez-Jarreta, University of Zaragoza, Spain | European Association of Occupational Medicine (EASOM); Lode Godderis
- 11:15-11:37 Labour market disadvantages of persons with a migration background in Belgium: A systematic review
Stijn Baert; Stijn Baert
- 11:37-11:59 Strengthening the Occupational Health of Migrant Workers Through Human Sentinel Surveillance Platform
Lode Godderis; Emine AKTAS
- 11:59-12:21 Characteristics and longitudinal trajectories of immigrant workers who participated in the World Trade Center recovery
Rafael E. de la Hoz; Zitong Zhang; John T. Doucette; Jonathan Weber
- 12:21-12:45 Occupational injury due to accidents trends in native-born Swedes and immigrants, Sweden 2003–2020
Emelie Thern; Alicia Nevriana; Helena Hokaniemi-Hoppe; Bertina Kreshpaj; Letitia Davis; David H Wegman; Eskil Wadensjö; Katarina Kjellberg; Nina Lazarczyk-Bilal; Theo Bodin, Karolinska Institutet, Sweden; Devy Elling
- 11:15-12:45 Health Across Diverse Occupations**, BZ: Andreas Vesalius
Chairs: Filippa Lundh; Pernilla Wiebert
- 11:15-11:30 Working Conditions and Health Status of Airline Cabin Crew Workers in Korea
Hyoungh-Ryoul Kim;
- 11:30-11:45 Cohort MORTality Study of former professional footballers in England and Wales (MORSE Study)
Damien McElvenny; Will Mueller; Fiona S Carson; Finlay Brooker; Ioannis Basinas; Martie van Tongeren

- 11:45-12:00 Work risk exposure and burden of diseases among women artisan weavers from the informal sector in Perú.
Norvil Antonio Mera Chu;
- 12:00-12:15 Risk of Parkinson's Disease in Professional Athletes: A Systematic Review
Hua Wei; Sarah Daniels; Jongin Lee; Ioannis Basinas; Damien McElvenny; Andrew Tracey; Andrew Greenhalgh; Tom Grundy; Martie van Tongeren
- 12:15-12:30 Assessing the association between combined workplace exposure and insomnia in bus drivers using g-computations
Viviane Fiona Mathilde Remy; Irina Guseva Canu; Alexander Keil
- 12:30-12:45 An Emerging Agenda for The Hidden Occupational Health Toll of Armed Conflict
Kurt Straif; David H Wegman; Neil Pearce; Manolis Kogevinas, ISGlobal, Spain
- 11:15-12:45 Return To Work , BZ: Christina Larsdotter**
Chairs: Jan Hoving; Stefania D'Angelo
- 11:15-11:30 Comparing Logistic Regression and Targeted Maximum Likelihood Estimation for Predicting Return-to-Work in Simulated Occupational Cohorts
Adriano Dias; Hélio Rubens Carvalho-Nunes; Juan Gómez-Salgado; Carlos Ruiz-Frutos; Melissa Sprösser-Alonso; João Marcos Bernardes; Juan Ramon Lacalle-Remigio
- 11:30-11:45 Return to work after a myocardial infarction: a register-based study
Claudia Lissåker; Per Gustavsson; Annika Lindahl Norberg; Jenny Selander, Karolinska Institutet, Sweden
- 11:45-12:00 Determinant of return to work after occupational injuries: A prospective study
Hailemichael Mulugeta Workneh; Bente Elisabeth Moen; Teferi Abegaz; Wakgari Deressa
- 12:00-12:15 Gaps Between Clinical Benchmarks and Real-World Recovery: A Multi-Center Epidemiological Study of Return-to-Work in Workers with Permanent Impairment
Yin-Chieh Huang; Chung-Yen Chen
- 12:15-12:30 Determinants of Sustainable Return To Work after Burnout or Depression: A Longitudinal Cohort Study
Anke Deprez; Isabelle Boets; Sofie Vandenbroeck; Lode Godderis
- 12:30-12:45 AFA Försäkring: Why does sick leave vary over time? Long term sick leave in the Swedish work force 2005-2024
Anna Weigelt;
- 11:15-12:45 Atopy, Asthma and Contact Dermatitis , Scheele: Scheelesalen**
Chairs: Theo Bodin, Karolinska Institutet, Sweden; Bodil Elisabeth Valstad Aasan
- 11:15-11:30 Under-Recognition and Under-Reporting of Occupational Skin Disease
Victoria Arrrandale; D Linn Holness
- 11:30-11:45 Comparing BKMR, WQS, and EN to evaluate the mixture effect of cleaning products on asthma outcomes
Caroline Groth; Paul Henneberger; Xiaoming Liang; M. Abbas Virji
- 11:45-12:00 Workforce Challenges and Career Trajectories in Adolescents and young Adult Workers with Atopic Disorders and Respiratory or Skin Symptoms
Renate Juscikowski; Aashi Shah; Pieter Coenen; Sanja Kezic; Damien McElvenny; Henk van der Molen; Jan Hoving
- 12:00-12:15 Working Conditions and Work-Related Symptoms Among Nail Technicians in Sweden During the COVID-19 Pandemic.
Sara Gunnare; Helen Wahlkvist
- 12:15-12:30 Comparison of irritative potential of washing procedures for heavy soiling
Katharina Wichert; Michal Gina; Birgit Pieper; Thomas Behrens; Thomas Brüning; Manigé Fartasch
- 12:30-12:45 Occupational Variations in Asthma Incidence in a National Military Cohort
Danielle Marion; Laura Bogaert; Chrissi Galanakis; Brent Jones
- 13:00-13:30 Closing session | EPICOH 2026 Awards , BZ: Jacob Berzelius**
Laura Beane E Freeman, US National Cancer Institute, USA; Sara De Matteis, University of Turin, Italy; Paul A Demers; Jenny Selander, Karolinska Institutet, Sweden;
- 13:30-14:30 Lunch , BZ: Entrance hall**
- 14:00-16:00 Post-conference workshop: Automated coding and crosswalk of occupation: latest development and future possibilities , Scheele: Samuelssonsalen**