



# EPICOH2019

THE 27<sup>TH</sup> INTERNATIONAL SYMPOSIUM ON  
EPIDEMIOLOGY IN OCCUPATIONAL HEALTH

Museum of New Zealand Te Papa Tongarewa



WELLINGTON  
29 APRIL – 2 MAY 2019

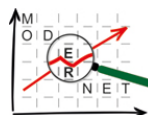
## CONFERENCE PROGRAMME

HOSTED BY

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UNIVERSITY OF NEW ZEALAND



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# Monday 29 April 2019

09.00 – 17.00	<b>Rangimarie 1</b> Level 3	<b>Pre-Conference Course</b> <b>APPLIED METHODS IN OCCUPATIONAL EPIDEMIOLOGY</b>
14.00 – 17.30	<b>Oceania</b> Level 3	<b>Registration Open</b>
16.00 – 17.15	<b>Thistle Inn</b>	<b>Early Career Network Meet &amp; Greet</b>
17.30 – 19.30	<b>Grand Hall</b> Parliament	<b>Welcome Reception</b> (Walking bus 5.15pm from Te Papa to Parliament) Hon. Iain Lees-Galloway and Nicole Rosie, WorkSafe

# Tuesday 30 April 2019

07.30 – 17.30	<b>Oceania</b> Level 3	<b>Registration Open</b>
08.30 – 09.30	<b>Te Marae</b> Level 4	<b>Powhiri – Māori Welcoming Ceremony</b>
09.30 – 10.00	<b>Oceania</b> Level 3	<b>Morning Tea</b>
10.00 – 10.15	<b>Amokura</b> Level 4	<b>Conference Opening</b> Dr Dave McLean
10.15 – 11.00		<b>KEYNOTE 1 - AGRICULTURAL EXPOSURES AND HEALTH OUTCOMES</b> Dr Laura Beane-Freeman Chair: Dr Dave McLean
11.00 – 11.05		<b>Move to parallel sessions</b>

## SESSION 1

	<b>1A</b> <b>Amokura</b>	<b>1B</b> <b>Angus</b>	<b>1C</b> <b>Rangimarie 1</b>	<b>1D</b> <b>Rangimarie 2</b>	<b>1E</b> <b>Rangimarie 3</b>
	<b>Pesticide Exposure Assessment</b>	<b>Reproductive Effects</b>	<b>Occupational Cancer-1</b>	<b>Exposure Assessment-1</b>	<b>Work Organisation</b>
11.05 – 11.20	<b>O1A.1</b> Pesticide exposure of workers during treatment and re-entry tasks in apple-growing: results from the CANEPA study in France  <i>Mrs Mathilde Bureau</i>	<b>O1B.1</b> Modelling infertility in a cohort of Canadian tradeswomen  <i>Dr Nicola Cherry</i>	<b>O1C.1</b> Key features of the new Preamble to IARC Monographs  <i>Dr Mary Schubauer-Berigan</i> <i>Kurt Straif</i>	<b>O1D.1</b> Dermal PAH exposure in Swedish Firefighters and Police Forensic Investigators – Preliminary Results from Tape Stripping on Wrist and Collarbone  <i>Dr Carolina Bigert</i>	<b>O1E.2</b> Influence of work organization and environment on health and productivity outcomes among construction apprentices: A Total Worker Health® approach  <i>Dr Ann Marie Dale</i> <i>Dr Bradley Evanoff</i>
11.20 – 11.35	<b>O1A.2</b> Exposure to benzimidazole fungicides in agriculture and Non-Hodgkin Lymphomas, overall and by subtypes, in the AGRiculture and CANcer (AGRICAN) cohort  <i>Miss Amandine Bussan</i>	<b>O1B.2</b> Parental occupational exposure to extremely low-frequency magnetic fields and the risk of leukaemia in the offspring  <i>Dr Ann Olsson,</i> <i>Dr Madar Talibov</i>	<b>O1C.3</b> Nightshift work and risk of lymphoma subtypes  <i>Prof Pierluigi Cocco</i>	<b>O1D.2</b> Objective Measurement of Work-Environment Carcinogenic Exposures in Florida Firefighters using Silicone-based Passive Sampling Wristbands  <i>Dr Alberto Caban-Martinez</i>	<b>O1E.3</b> Evaluation of the Norwegian Agreement on a More Inclusive Working Life: sickness absence in individuals with musculoskeletal and psychological diagnoses  <i>Mrs Rachel L Hasting</i>

## Tuesday 30 April 2019

11.35 – 11.50	<b>O1A.3</b> Occupational insecticide exposure, glycemic regulation and bronchoconstriction: Preliminary results from a short-term cohort study among small-scale farmers in Uganda  <i>Dr Martin Rune Hassan Hansen</i>	<b>O1B.3</b> Hyperactivity disorder in children was related to maternal employment status during pregnancy and postpartum depressive symptoms: a prospective cohort study  <i>Dr Ping Shih</i>	<b>O1C.4</b> Cancer incidence among lead-exposed workers in two countries  <i>Dr Kyle Steenland</i>	<b>O1D.3</b> Fumigant and chemical residue 8-hour exposures in workers handling cargo from shipping containers and export logs in New Zealand  <i>Ruth Hinz</i>	<b>O1E.4</b> Electronic waste recycling in Québec, Canada: hiring practices and occupational health and safety management  <i>Dr France Labrèche</i>
11.50 – 12.05	<b>O1A.4</b> Assessment of Pesticide-Related Pollution and Occupational Health of Vegetable Farmers  <i>Prof Jinky Leilanie Lu</i>	<b>O1B.4</b> Health effects of prenatal occupational noise exposure: A systematic review  <i>Mrs Zara Ann Stokholm</i>	<b>O1C.5</b> Assessment and assignment of exposure to asbestos for an industrial cohort of chrysotile miners and processors  <i>Prof Hans Kromhout</i>	<b>O1D.4</b> Occupational exposure to formaldehyde in France in 2015  <i>Mrs Laurène Delabre</i>	<b>O1E.5</b> Short-term disability leave and employment termination: using marginal structural models to estimate counterfactual risks  <i>Dr Sally Picciotto</i>
12.05 – 12.20	<b>O1A.5</b> Emergent role of epigenetic biomarkers of pesticides exposure: a case study among women of childbearing age living in Meknes (Morocco)  <i>Dr Radu Duca,Miss Aziza Menouni</i>	<b>O1B.5</b> Infertility in a cohort of male Danish Firefighters  <i>Dr Johnni Hansen</i>	<b>O1C.6</b> Is Adjustment for Smoking Needed in a Cohort Study of Cancer Mortality Among Chrysotile Asbestos Factory and Mine Workers?  <i>Dr Ann Olsson</i>	<b>O1D.5</b> Non-detects in OSHA's IMIS databank: are they short-term or shift-long samples?  <i>Mr Philippe Sarazin</i>	<b>O1E.6</b> The impact of a program of mandatory awareness training on worker awareness and empowerment to participate in injury prevention  <i>Dr Peter Smith</i>
12.20 – 12.35	<b>O1A.6</b> The carcinogenicity of pesticides used in New Zealand  <i>Dr Andrea 't Mannetje</i>	<b>O1B.6</b> Maternal cumulative exposure to extremely low frequency electromagnetic fields, prematurity and birth weight: a pooled analysis of two birth cohorts  <i>Miss Lucile Migault</i>			
12.35 – 13.30	<b>Oceania</b> Level 3	<b>Lunch &amp; Poster Session 1</b>			
	<b>Icon</b> Level 2	<b>Early Career Mentoring Lunch Meeting</b>			

# Tuesday 30 April 2019

SESSION 2					
	2A Amokura	2B Angus	2C Rangimarie 3	2D Rangimarie 2	2E Rangimarie 1
	Pesticide Health Effects	Workplace Bullying/ Stress	Workers' Compensation/ Return to Work	Solvents	Mini-Symposium 1: Exposure Assessment in Epidemiological Studies of Cancer
13.30 – 13.45	<b>O2A.1</b> Pesticides and Work-Related Asthma: How this relates to Self-Reported Exposures <i>Prof David Fishwick</i>	<b>O2B.1</b> What Psychosocial Factors at Work Are Associated to Workplace Bullying? A Study with Judiciary Brazilian Civil Servants from Southern Brazil <i>Prof Fernando Feijó</i>	<b>O2C.1</b> Worker compensation: are epidemiological studies fit for purpose? <i>Dr Lesley Rushton</i>	<b>O2D.1</b> A follow-up study of occupational styrene exposure and risk of systemic sclerosis, rheumatoid arthritis, and other systemic autoimmune rheumatological diseases <i>Mrs Signe Hjulær Boudigaard</i>	<b>O2E.1</b> Why the quality of exposure assessment matters in human observational studies and consequent hazard and risk assessment <i>Prof Hans Kromhout</i>
13.45 – 14.00	<b>O2A.2</b> Pesticides and Respiratory Health: the GB based PIPAH study <i>Prof David Fishwick</i>	<b>O2B.2</b> Risk Factors for Workplace Bullying: A Systematic Review <i>Prof Fernando Feijó</i>	<b>O2C.2</b> Does region of residence matter for return-to-work after work-related injury? A comparative analysis of six Canadian workers' compensation jurisdictions <i>Dr Robert Macpherson</i>	<b>O2D.2</b> Occupational exposure to oxygenated, petroleum-based and chlorinated solvents of women in childbearing age in France in 2013 <i>Mrs Marie Houot</i>	<b>O2E.2</b> From high-dose occupational to low-dose residential exposures in radon epidemiology: how high-quality exposure assessment ties it all together <i>Dr Mary Schubauer-Berigan</i>
14.00 – 14.15	<b>O2A.3</b> Increased risk of central nervous system tumours with carbamate insecticide use in the prospective cohort AGRICAN <i>Dr Clément Piel</i>	<b>O2B.3</b> Work Related Stress for New Zealand Workers in High Risk Sectors: What can we learn from a demographic analysis? <i>Dr Kirsten Lovelock, Dr Trang Khieu</i>	<b>O2C.3</b> What predicts a secondary absence following return to work among workers' compensation claimants in Victoria? Results from a longitudinal cohort <i>Dr Peter Smith</i>	<b>O2D.3</b> Protective effects of PPE use and good workplace hygiene practices against symptoms of neurotoxicity in collision repair workers <i>Mr Samuel Keer</i>	<b>O2E.3</b> Evaluation of the Exposure Assessment Methods used in Benzene Epidemiology <i>Dr Deborah C. Glass</i>
14.15 – 14.30	<b>O2A.5</b> Agricultural exposures and risk of NHLs, by subtypes: results from the AGRICulture and CANcer (AGRICAN) cohort <i>Miss Amandine Busson</i>	<b>O2B.4</b> Factors on sickness absence among Workers and Moderating effect of job stress in Korea <i>Mr Hyang-Woo Ryu</i>	<b>O2C.4</b> Patterns of health care use following work-related injury and illness in Australian truck drivers: a latent class analysis <i>Dr Ting Xia</i>	<b>O2D.4</b> Benzene and toluene exposure and symptoms affecting work ability among the road sweepers in pollution control area, Rayong province, Thailand <i>Dr Srirat Lormphongs</i>	<b>O2E.4</b> Evaluation of exposure assessment methods in epidemiological studies: the welding example <i>Dr Susan Peters</i>
14.30 – 14.45			<b>O2C.5</b> Increasing costs of occupational injuries in association with high ambient temperatures in Adelaide, South Australia, 2000-2014 <i>Dr Jianjun Xiang</i>	<b>O2D.5</b> Risk of Parkinson disease in solvent exposed workers in Finland <i>Dr Markku Sallmén</i>	<b>O2E.5</b> Challenges in pesticide exposure assessment for epidemiologic studies <i>Dr Laura Beane-Freeman</i>
14.45 – 15.00			<b>O2C.6</b> The Economic Burden of Occupational Injuries and Diseases in Five European Union Countries <i>Dr Emile Tompa</i>		<b>O2E.6</b> Defining shift work exposure in epidemiological studies of cancer: where have we been, and what comes next? <i>Dr Amy Hall</i>

# Tuesday 30 April 2019

15.00 – 15.30	Oceania Level 3	Afternoon Tea			
SESSION 3					
	3A Angus	3B Rangimarie 1	3C Rangimarie 2	3D Amokura	3E Rangimarie 3
	Occupational Respiratory Disease	Burden of Occupational Disease and Injury	Silica Exposure and Health Effects	Mini-Symposium 2: OMEGA-NET	Mental Health
15.30 – 15.45	<b>O3A.1</b> Assessing the Under-estimation of Occupational Respiratory Diseases in Taiwan: Analyses of Disease Burdens and Healthcare Costs  <i>Dr Chung-Yen Chen</i>	<b>O3B.1</b> Burden of work absence due to compensable road traffic crashes in Victoria, Australia  <i>Dr Shannon Gray</i>	<b>O3C.1</b> Silica exposure in Swedish iron foundries and biological markers of inflammation and coagulation in blood  <i>Dr Lena Andersson</i>	<b>O3D.1</b> OMEGA-NET Inventory of Occupational Cohorts  <i>Dr Michelle C Turner</i>	<b>O3E.2</b> Risk of mental health disorders in human service occupations: a register based study of 445,651 Norwegians  <i>Dr Petter Kristensen</i>
15.45 – 16.00	<b>O3A.3</b> Do airway inflammation and airway responsiveness markers at start of apprenticeship predict their evolution during initial training? A longitudinal study  <i>Dr Valérie Demange</i>	<b>O3B.2</b> Occupational exposures and sickness absence trajectories among Finnish employees: a register linked nationally representative follow-up study  <i>Dr Tea Lallukka</i>	<b>O3C.2</b> A 30-year Impact Analysis of Best Practices for Silica Dust Exposure Reduction in Construction: Costs, Benefits and HRQL  <i>Dr Emile Tompa</i>	<b>O3D.2</b> 45 years of follow-up for cancer for jobs and occupational exposures in 15 million in five Nordic countries – NOCCA  <i>Dr Johnni Hansen</i>	<b>O3E.3</b> Changes in job security and mental health: An analysis of 14 annual waves of an Australian working population panel survey  <i>Prof Anthony LaMontagne</i>
16.00 – 16.15	<b>O3A.4</b> Sleep quality and mild cognitive impairment among patients with pneumoconiosis in Hong Kong  <i>Miss Bi-xia Huang</i>	<b>O3B.3</b> Estimating the impact of changes to occupational standards for silica exposure on lung cancer mortality  <i>Dr Kyle Steenland</i>	<b>O3C.3</b> Longitudinal assessment of smoking cessation and mortality from all-cause and all-cancer among silicotics in Hong Kong, 1981-2014  <i>Prof Lap Ah Tse</i>	<b>O3D.3</b> Medication as proxy of work-related health problems  <i>Prof Lode Godderis</i>	<b>O3E.4</b> Layoffs and the mental health and safety of remaining workers: A quasi-experimental study of the U.S. aluminium industry  <i>Holly Elser</i>
16.15 – 16.30	<b>O3A.5</b> Environmental Dust Exposure from Gold Mine Waste Dumps and Respiratory Health Effects in Johannesburg, South Africa  <i>Dr Samantha Iyaloo</i>	<b>O3B.5</b> The mental health of police, firefighters and paramedics in the UK Biobank: a comparison with the general working population  <i>Dr Sharon Stevelink</i>	<b>O3C.4</b> Increases the risk of sarcoidosis by silica exposure? A case-control study  <i>Mr Per Vihlborg</i>	<b>O3D.4</b> Innovative approaches to data acquisition, standardization, pooling and analyses of occupational health information  <i>Dr Susan Peters, Prof Roel Vermeulen</i>	<b>O3E.5</b> Military Veterans Pathways to Mental Health Support: The Need for New Solutions  <i>Dr Laura Rafferty</i>
16.30 – 16.45	<b>O3A.6</b> Recent organic dust exposure and prognosis of asthma and chronic obstructive lung disease (COPD). A nationwide register based follow-up study  <b>PhD Anne Vested, Prof Vivi Schlünssen</b>	<b>O3B.6</b> The Economic Burden of Work-Related Asbestos Exposure  <i>Dr Emile Tompa</i>	<b>O3C.5</b> Reduced serum Clara cell protein (CC16) as an early pulmonary injury marker for fine particulate matter exposure in occupational population  <i>Prof Huawei Duan</i>	<b>O3D.5</b> National policies and social inequalities in exit paths from working life in Sweden  <i>Prof Maria Albin</i>	<b>O3E.6</b> Association between Workplace Bullying and Common Mental Disorders in Judiciary Brazilian Civil Servants from Southern Brazil  <i>Prof Fernando Feijó</i>

## Tuesday 30 April 2019

16.45 – 17.00		<b>O3D.6</b> Inventory of Occupational, Industrial and Population Cohorts in Switzerland <b>Mr Nicolas Bovio</b>	
		<b>O3D.7</b> CONSTANCES: a population-based cohort for occupational epidemiology <b>Prof Marcel Goldberg</b>	
		<b>O3D.9</b> Psychosocial context, somatic complaints, work ability, and job satisfaction in anaesthesia health professionals. Setting up a prospective cohort study <b>Dr Dragan Mijakoski, Dr Sasho Stoleski</b>	
17.00 – 17.20	<i>Panel Debate/ Discussion on New Methods in Occupational Cohort Studies</i> <b>Led by Prof Neil Pearce &amp; Prof Damien McElvenny</b>		
18.30	Macs Brewery	Early Career Network Social Night	

# Wednesday 1 May 2019

07.30 – 08.15	Icon Level 2	<b>Early Career Network Breakfast Mentoring Session</b> <b>WRITING SUCCESSFUL GRANT APPLICATIONS</b> Panel: Prof. Jeroen Douwes, Prof. Chris Cunningham, Prof. Marie-Elise Parent, Prof. Lin Fritchi, Prof. Alex Burdorf, Asst. Prof. Andreas M. Neophytou
08.00 – 17.30	Oceania Level 3	Registration Open
08.30 – 10.15	Amokura Level 4	<b>EPICOH Lifetime Achievement Award</b> Presented by Laura Beane-Freeman  <b>KEYNOTE 2 - THE EVOLUTION OF OCCUPATIONAL EPIDEMIOLOGY</b> Prof. Neil Pearce Chair: Laura Beane-Freeman  <b>KEYNOTE 3 - A GLOBAL DISEASE BUT A LOCAL PHENOMENON</b> Assoc. Prof. Jackie Benschop Chair: Prof. Jeroen Douwes
10.15 – 10.45	Oceania Level 3	Morning Tea

## SESSION 4

	4A Amokura	4B Angus	4C Rangimarie 1	4D Rangimarie 2	4E Rangimarie 3
	Shiftwork	Musculoskeletal Disorders-1	Precarious Employment/ Migrant Workers	Chemical and Physical Hazards	Methodological Issues
10.45 – 11.00	<b>O4A.1</b> Night shiftwork, DNA methylation, and telomere length in female nurses <i>Dr Michele Carugno</i>	<b>O4B.1</b> The impact of manual patient handling on work ability: a cross-sectional study <i>Prof Adriano Dias, Dr João Marcos Bernardes</i>	<b>O4C.1</b> Female Landfill Waste Pickers and their health <i>Dr Kerry Wilson</i>	<b>O4D.1</b> Longitudinal analysis of incidence of beryllium sensitization in a US nuclear workforce <i>Dr Ashley Golden</i>	<b>O4E.1</b> Cross-walking countries' industry classifications using concordance files compared to fuzzy data matching, to utilise an international exposure dataset <i>Mr Ganesh Selvaraj, Dr Michael Butchard</i>
11.00 – 11.15	<b>O4A.2</b> Joint Effects of Night Work and Shift Rotation on Treated Depression in a Longitudinal Cohort of Manufacturing Workers <i>Jacqueline Ferguson</i>	<b>O4B.2</b> Patterns and Predictors of Return to Work After Major Trauma: A Prospective, Population Based Registry Study <i>Prof Alex Collie</i>	<b>O4C.2</b> Impact of precarious work on the wellbeing of women and migrants in Australia <i>Prof Marc Schenker, Prof Alison Reid</i>	<b>O4D.3</b> Bone lead associations with blood lead, kidney function, and blood pressure among U.S., lead-exposed workers in a surveillance program <i>Dr Kyle Steenland</i>	<b>O4E.2</b> Efficiency of autocoding programs for converting job descriptors into Standard Occupational Classification codes <i>Dr Ann Marie Dale, Dr Bradley Evanoff</i>
11.15 – 11.30	<b>O4A.3</b> Do shift workers have a different exposure to workplace carcinogens than non-shift workers? <i>Dr Sonia El-zaemey</i>	<b>O4B.3</b> The Impact of Income Support Systems on Healthcare Quality and Functional Capacity in Workers With LBP: A Realist Review <i>Mr Michael Di Donato</i>	<b>O4C.3</b> Job strain, exposure to carcinogens and the wellbeing of migrant workers <i>Prof Marc Schenker, Prof Alison Reid</i>	<b>O4D.4</b> Changes in kidney function among sugarcane cutters on a moderately hot sugar plantation in South Africa <i>Dr Mollen Magombo</i>	<b>O4E.3</b> Utility of routinely recorded data on working hours for an epidemiological cohort study of 60,000 Swedish health care employees <i>Prof, MD Per Gustavsson</i>

# Wednesday 1 May 2019

11.30 – 11.45	<b>O4A.4</b> The relationship between shift work and sleep disturbance in hospital workers <i>Dr Dong-Hee Koh</i>	<b>O4B.4</b> Predictors of return to work with readaptation in public workers <i>Prof Adriano Dias, Prof João Marcos Bernardes</i>	<b>O4C.5</b> Precarious work and precarious lives: An analysis of the association between employment relationships and access to social and health benefits <i>Prof Mieke Koehoorn</i>	<b>O4D.5</b> Left Sided Hearing Loss among Heavy Equipment Operators (HEOs) in Mining Industry <i>Dr Vishnumohan Janardhanam, Dr Akila Vishnumohan, Dr MG Karthic</i>	<b>O4E.4</b> Application of Probabilistic Bias Analysis to Adjust for Exposure Misclassification in a Cohort of Trichlorophenol Workers <i>Ms Laura Scott</i>
11.45 – 12.00	<b>O4A.5</b> Night shift work is associated with abnormal liver function <i>Prof Lap Ah Tse</i>	<b>O4B.5</b> Measuring association of occupational light vehicle driving with low back pain: an IRT approach <i>Mr Michel Grzebyk</i>	<b>O4C.6</b> "Healthy on the outside, sick on the inside" -Forestry workers, embodiment and biosociality <i>Dr Kirsten Lovelock</i>		
12.00 – 12.15	<b>O4A.6</b> Occupational exposure to extremely low frequency magnetic fields and melatonin in male rotating shift workers <i>Michelle C Turner</i>	<b>O4B.6</b> Do we need repeated measurements for reliable classification of case status regarding musculoskeletal pain? <i>Dr Lena Hillert</i>			
12.15 – 13.15	<b>Oceania</b> Level 3	<b>Lunch &amp; Poster Session 2</b>			
	<b>Icon</b> Level 2	<b>Early Career Network Business Meeting</b>			
<b>SESSION 5</b>					
	<b>5A</b> Amokura	<b>5B</b> Angus	<b>5C</b> Rangimarie 1	<b>5D</b> Rangimarie 2	<b>5E</b> Rangimarie 3
	<b>Musculoskeletal Disorders-2</b>	<b>Dermal Effects</b>	<b>Mini-Symposium 3: Military Epidemiology</b>	<b>Exposure Assessment-2</b>	<b>SCOM/Modernet</b>
13.15 – 13.30	<b>O5A.1</b> Definition of case management for return-to-work in the approach of workers with musculoskeletal disorders: an update using a scoping review <i>Mrs Mercè Soler Font</i>	<b>O5B.1</b> Workplace exposure assessment (WEA), skin barrier function, and occurrence of hand eczema among workers handling drilling waste in Norway <i>Dr Jose Hernan Alfonso</i>	<b>O5C.1</b> The NZ Vietnam veteran family study: a multi-generational perspective on health and wellbeing <i>Dr David McBride</i>	<b>O5D.2</b> Occupational exposure of healthcare personnel to nitrous oxide in various paediatric specialty care units: an observational study <i>Dr Marie-Agnès Denis</i>	<b>O5E.1</b> Data on acknowledgment and costs of work-related mental diseases in France <i>Prof Gérard Lasfargues</i>
13.30 – 13.45	<b>O5A.2</b> Musculoskeletal symptoms and work-related accidents: a hospital-based case-control study <i>Prof Adriano Dias, Dr João Marcos Bernardes</i>	<b>O5B.2</b> Dermal exposure to solvents: a need for quantitative analysis <i>Dr Radu-Corneliu Duca</i>	<b>O5C.2</b> Long term physical and mental health impact of military service <i>Prof Malcolm Sim</i>	<b>O5D.3</b> Methods of estimating lifetime occupational exposure in the general population, based on job-exposure matrices <i>Mrs Marie Houot</i>	<b>O5E.2</b> A Hospital Occupational Diseases Unit: an experience to increase the recognition of occupational disease <i>FG Benavides</i>



# Wednesday 1 May 2019

13.45 – 14.00	<b>O5A.3</b> Injured at work: Factors predictive of further work-related injuries – a prospective study <i>Dr Helen Harcombe</i>	<b>O5B.3</b> Skin health in Croatian hairdressing apprentices at the beginning of vocational education: a new cohort study <i>Dr Zrinka Franic</i>	<b>O5C.3</b> The mental health impact of deployment to Iraq and Afghanistan: what does the current data show? <i>Dr Sharon Stevelink</i>	<b>O5D.4</b> Exposure Profiles of Workers in Indium-Tin Oxide Powder Manufacturing, Target Manufacturing and Recycling Factories in Taiwan <i>Miss Yuan-Ting Hsu</i>	<b>O5E.3</b> Occupational diseases among workers in different socioeconomic positions <i>Dr Henk van der Molen</i>
14.00 – 14.15	<b>O5A.4</b> Overexertion related age-specific WMSDs claims among construction workers in Ohio, USA: 2007-2013 <i>Dr Harpriya Kaur</i>	<b>O5B.4</b> Workers' compensation claims for occupational contact dermatitis: 20 years of data from Victoria, Australia <i>Dr Tessa Keegel</i>	<b>O5C.4</b> The Armed Services Trauma Rehabilitation Outcome Study (ADVANCE): A cohort study of physical battlefield trauma casualties <i>Prof Nicola Fear</i>	<b>O5D.5</b> Construction of Finnish ISCO-88 job exposure matrix: examination of dataset with two different classification of occupations in consecutive censuses <i>Dr Markku Sallmén</i>	<b>O5E.4</b> Bridging the gap between clinical cases and epidemiological evidence <i>Prof Lode Godderis</i>
14.15 – 14.30	<b>O5A.5</b> Occupational driving of light vehicle for mail and parcel delivery and risk of musculoskeletal disorders <i>Dr Anca Radauceanu</i>	<b>O5B.5</b> Effectiveness of a skin care program for the prevention of occupational contact dermatitis in healthcare workers <i>Dr Henk van der Molen, Dr Sanja Kezic</i>	<b>O5C.5</b> Sarin exposures in a cohort of British military participants in human experimental research at Porton Down 1945-1987 <i>Dr Thomas J Keegan</i>		
14.30 – 14.45	<b>O5A.6</b> Objectively assessed arm elevation and the course of neck and shoulder pain during a 2-year follow-up: a compositional approach <i>Dr Suzanne Merkus</i>	<b>O5B.6</b> Occupational Contact Dermatitis and how the Community Responses in Developing Country <i>Dr Shambhu Joshi</i>	<b>O5C.6</b> The health and wellbeing of New Zealand veterans <i>Dr David McBride</i>		
14.45 – 15.15	<b>Oceania</b> Level 3	<b>Afternoon Tea</b>			
<b>SESSION 6</b>					
	<b>6A</b> Angus	<b>6B</b> Rangimarie 1	<b>6C</b> Rangimarie 2	<b>6D</b> Rangimarie 3	<b>6E</b> Amokura
	<b>Occupational Health in Women</b>	<b>Occupational Cancer-2</b>	<b>Cardiovascular Disease</b>	<b>Biomarkers of Exposure</b>	<b>Mini-Symposium 4: Advances in Neurodegenerative Disease Epidemiology</b>
15.15 – 15.30	<b>O6A.1</b> Aggregation of Work-Related Health Problems Throughout Working-Life in a Population-Based Sample of Women <i>Joana Amaro</i>	<b>O6B.1</b> Use of arsenical pesticides and risk of lung cancer among French farmers <i>Dr Mathilde Boulanger</i>	<b>O6C.2</b> Differences in Cardiovascular Risk Factor Profiles across Occupational Groups <i>Miss Lucy A Barnes</i>	<b>O6D.1</b> Inflammatory markers in the plasma of firefighters heavily exposed to particulates <i>Mr Jean-Michel Galarneau</i>	<b>O6E.1</b> Self-report occupational exposures and MND in New Zealand <i>Ms Grace Chen</i>

# Wednesday 1 May 2019

15.30 – 15.45	<b>O6A.2</b> Breast cancer risk in 40,000 Danish women by industry <i>Miss Julie Elbæk Pedersen</i>	<b>O6B.2</b> Cancer Risk by Ore Type in a Mixed Miners Cohort <i>Dr Paul A Demers</i>	<b>O6C.1</b> Ischaemic Heart Disease and occupation: a linkage between two New Zealand surveys and the Integrated Data Infrastructure <i>Dr Marine Corbin</i>	<b>O6D.2</b> Evidence of DNA methylation changes by carbon nanotubes in a translational study design <i>Dr Manosij Ghosh</i>	<b>O6E.2</b> Exposure Assessment for a Study of Cognitive Impairment in Former Professional Footballers in England <i>Prof Damien McElvenny</i>
15.45 – 16.00	<b>O6A.3</b> Implications of the workplace gender composition for depression-related service utilization: A retrospective cohort study of U.S. aluminium workers <i>Holly Elser</i>	<b>O6B.3</b> Risk of leukaemia after chronic exposure to gamma radiation among Ontario Uranium Miners? <i>Dr Minh Do</i>	<b>O6C.3</b> The association between long-term exposure from heavy physical work load and coronary heart disease in middle aged men <i>Prof Tomas Hemmingsson</i>	<b>O6D.3</b> Evaluation of polycyclic aromatic hydrocarbons exposure across occupations in Korea using urinary metabolite 1-hydroxypyrene <i>Dr Dong-Hee Koh</i>	<b>O6E.3</b> Can the multistage model be applied to amyotrophic lateral sclerosis (ALS)? <i>Prof Neil Pearce</i>
16.00 – 16.15	<b>O6A.4</b> Risk of postmenopausal breast cancer and occupational exposure to chemicals in Swedish women <i>Prof, MD Per Gustavsson</i>	<b>O6B.4</b> Laryngeal cancer risks in workers exposed to lung carcinogens: exposure-effect analyses using a quantitative job exposure matrix <i>Dr Amy Hall</i>	<b>O6C.4</b> The relationship between the demand-control model and incident cardiovascular disease in Ontario Canada. A linked analysis of 12,358 workers <i>Dr Peter Smith</i>	<b>O6D.4</b> Association of occupational exposures with ex vivo functional immune response in workers handling carbon nanotubes and nanofibers <i>Dr Mary Schubauer-Berigan</i>	<b>O6E.4</b> Metabolome and exposome profiling: new opportunities to study risk factors for Parkinson's disease <i>Dr Susan Peters</i>
16.15 – 16.30	<b>O6A.5</b> Mortality and risk behaviours in Spanish female farmers <i>Mr Guanlan Zhao</i>	<b>O6B.5</b> Variation in Nordic work-related cancer risks after adjustment for alcohol and tobacco <i>Dr Kristina Kjaerheim</i>		<b>O6D.5</b> Electronic waste recycling exposure and hormone levels in workers <i>Dr France Labrèche</i>	<b>O6E.5</b> Occupation and risk of amyotrophic lateral sclerosis (ALS) in Denmark <i>Dr Johnni Hansen</i>
16.30 – 16.45	<b>O6A.6</b> Mortality experience of Women in South African Mining: 2013 – 2015 <i>Dr Kerry Wilson</i>	<b>O6B.6</b> Occupational radiation exposure and the risk of cancer and cardiovascular diseases among medical radiation workers <i>Prof Won Jin Lee</i>			<b>O6E.6</b> Occupational exposures and ALS: international collaborations and new ways to identify risk factors <i>Dr Susan Peters</i>
16.45 – 17.00		<b>O6B.7</b> Aristolochic acid and the risk of cancers in patients with diabetes <i>Prof Pau-chung Chen</i>			
18.30 – Late	<b>Te Marea Level 4</b>	Conference Dinner			

# Thursday 2 May 2019

07.30 – 08.15	Icon Level 2	<b>Early Career Network Breakfast Mentoring Session</b> <b>HOW TO GET YOUR PAPERS PUBLISHED</b> Panel: Prof. Malcolm Sim
08.00 – 17.30	Oceania Level 3	<b>Registration Open</b>
08.30 – 09.15	Amokura Level 4	<b>KEYNOTE 4 - CONCEPTUALIZING CHILD LABOR IN CONFLICT SETTINGS: THE CASE OF SYRIAN REFUGEES</b> Prof. Rima Habib Chair: Prof. Marc Schenker
09.15 – 09.45	Oceania Level 3	<b>Morning Tea</b>

## SESSION 7

	7A Angus	7B Rangimarie 1	7C Rangimarie 2	7D Rangimarie 3	7E Amokura
	Injuries	Psychosocial Factors	Intervention Studies	Health Inequalities	Mini-Symposium 5: Climate Change
09.45 – 10.00	<b>07A.2</b> Gender, Immigration Status, and Work Disability for Acute Injuries <i>Prof Mieke Koehoorn</i>	<b>07B.6</b> Mortality by suicide in the Swiss National Cohort (1990-2014): analysis according to occupation and economic activity <i>Prof Irina Guseva Canu</i>	<b>07C.2</b> Developing a Measuring Strategy for monitoring and evaluation of a national occupational health intervention programme in Great Britain (GB) <i>Dr Yiqun Chen</i>	<b>07D.1</b> Investigating the difference of work-related harms in New Zealand by ethnicity <i>Dr Trang Khieu</i>	<b>07E.1</b> Solutions to prevent occupational health and productivity effects of heat: the HEAT-SHIELD project <i>Prof Tord Kjellstrom</i>
10.00 – 10.15	<b>07A.3</b> Creating safer workplaces: learning from work-related fatal injury in New Zealand <i>Dr Rebecca Lilley</i>	<b>07B.1</b> Modelling mortality by suicide among women at work in the Swiss national cohort <i>Dr Pascal Wild</i>	<b>07C.3</b> Effectiveness of a multi-faceted intervention to prevent musculoskeletal pain in nurses and aides: results of a cluster-randomized controlled trial <i>Mrs Mercè Soler Font</i>	<b>07D.2</b> Health-related educational differences in duration of working life and loss of paid employment: working life expectancy in the Netherlands <i>Prof Alex Burdorf</i>	<b>07E.2</b> Risk Factors for Heat Strain - Comparing indoor and outdoor workers in the changing Climate scenario <i>Prof Vidhya Venugopal</i>
10.15 – 10.30	<b>07A.4</b> Hazards and injuries associated among small scale gold miners in the Philippines <i>Prof Jinky Leilanie Lu</i>	<b>07B.2</b> Pilot project for identifying psychosocial risk factors among senior physicians in the paediatric medical center of a university hospital center <i>Dr Marie-Agnès Denis</i>	<b>07C.4</b> Use of control measures among construction workers when performing dusty work <i>Dr Trang Khieu, Mr Jacob Daubé</i>	<b>07D.3</b> Working conditions and health behaviour as causes of educational inequalities in self-rated health: an Inverse Odds Weighting approach <i>Ms Jolinda Schram</i>	<b>07E.4</b> Estimating economic impact of heat on China's labour productivity: New evidence from a CGE model <i>Prof. Wenjia Cai</i>
10.30 – 10.45		<b>07B.3</b> A Cohort Study of Sleep on Health Psychology among Professional Drivers <i>Mrs Yu Jen Lin</i>	<b>07C.5</b> Assessing the Impact of Intervention on Future Lung Cancer Burden among Construction Workers <i>Mr Chaojie Song</i>	<b>07D.4</b> Health inequalities among working population of Latin America and the Caribbean <i>Mr Michael Silva-Peñaherrera</i>	<b>07E.5</b> New initiatives in international collaboration for describing the occupational heat hazards via epidemiological studies and modelling <i>Jason Lee</i>

# Thursday 2 May 2019

10.45 – 11.00		<b>O7B.4</b> Are psychosocial working conditions associated with suicide and intentional self-harm? A register-based study of 420,895 Norwegians <i>Dr Ingrid Sivesind Mehlum</i>	<b>O7C.6</b> Effectiveness of an audit-based occupational health and safety management system certification on firm injury rates in Alberta, Canada <i>Dr Chris McLeod</i>	<b>O7D.5</b> Subjective cognitive decline among US workers aged ≥45 years by occupation, BRFSS, 2015-2016 <i>Dr Harpriya Kaur</i>	<b>Round Table Discussion</b> <i>Moderators: Prof Tord Kjellstrom and Jason Lee</i>
11.00 – 11.15		<b>O7B.5</b> Trajectories of psychosocial working conditions as predictors of later life physical function <i>Dr Charlotta Nilsen</i>			
11.15 – 12.00	Amokura Level 4	<b>KEYNOTE 5 - INTERVENTION STUDIES IN OCCUPATIONAL HEALTH: THE MISSING LINK</b> Prof. Martie van Tongeren Chair: Prof. Jeroen Douwes			
12.00 – 13.00	Oceania Level 3	<b>Lunch &amp; Poster Session 3</b>			
	Icon Level 2	<b>EPICOH Business Meeting</b>			
<b>SESSION 8</b>					
	<b>8A</b> Amokura	<b>8B</b> Angus	<b>8C</b> Rangimarie 1	<b>8D</b> Rangimarie 2	
	Occupational Cancer-3	Occupational Health Effects of Heat	Miscellany	Work Capability	
13.00 – 13.15	<b>O8A.1</b> Estimating the burden of lung cancer due to occupational exposure to radon gas <i>Dr Cheryl Peters</i>	<b>O8B.1</b> Risk of Heat Related Illness in Latino Agricultural Workers: Environmental Temperature and Activity Levels <i>Dr Marc Schenker</i>	<b>O8C.1</b> A Probabilistic Bias-Analysis Method for Evaluating Disease Misclassification in a Historical Cohort Mortality Study of Trichlorophenol Workers <i>Ms. Laura Scott</i>	<b>O8D.2</b> Occupational complexity in relation to late life physical functioning in Sweden <i>Mr Ingemar Kåreholt</i>	
13.15 – 13.30	<b>O8A.2</b> Breast cancer and persistent night shift work starting at an early age that causes circadian disruption <i>Dr Ruth Lunn</i>	<b>O8B.2</b> Epidemiological descriptions of occupational health effects of climate change <i>Dr Bruno Lemke</i>	<b>O8C.2</b> Is Chronic Kidney Disease of unknown cause (CKDu) an occupational or an environmental disease? <i>Prof Neil Pearce</i>	<b>O8D.3</b> The effectiveness of vocational rehabilitation on work participation: a propensity score matched analysis using nationwide register data <i>Dr Taina Leinonen</i>	
13.30 – 13.45	<b>O8A.3</b> Mining exposures and lung cancer in contemporary Western Australian miners <i>Dr Nita Sodhi-Berry</i>	<b>O8B.3</b> Heat and Injury in the Workplace: Perspectives from Health and Safety Representatives <i>Mr Blesson Varghese</i>	<b>O8C.4</b> Effective group education for healthy dietary habit using results of a dietary questionnaire in occupational field: An intervention study <i>Dr Ryoko Katagiri</i>	<b>O8D.5</b> Physical activity as a moderator of effort-reward imbalance over time - Results of the German lidA-cohort study <i>Dr Jean-Baptist du Prel</i>	

## Thursday 2 May 2019

13.45 – 14.00	<b>O8A.4</b> Asbestos exposure and prostate cancer, really?  <i>Prof Marie-Elise Parent</i>	<b>O8B.4</b> Exploring Occupational Injury Experiences During Hot Weather: A National Survey of Health and Safety Professionals  <i>Mr Blesson Varghese</i>	<b>O8C.6</b> Tobacco Control and Oral Cancer Screening among Public Transport Bus Drivers, Conductors and other Staff in Mumbai, India  <i>Prof Gauravi Ashish Mishra</i>	<b>O8D.6</b> High physical workload and disability pension: a follow-up study of Swedish men until 59 years of age  <i>PhD Katarina Kjellberg</i>	
14.00 – 14.15	<b>O8A.5</b> Total energy expenditure and risk of lymphoma subtypes: results from the European EpiLymph case-control study  <i>Prof Pierluigi Cocco</i>	<b>O8B.5</b> Occupational heat exposure and cardiovascular health risks related to climate change in Pacific countries  <i>Dr Ashley Akerman</i>		<b>O8D.7</b> The Effect of Right Truncation Bias on Biomechanical Factor Risk Estimates for CTS  <i>Prof David Rempel</i>	
14.15 – 14.30		<b>O8B.6</b> Occupational heat stress due to climate change: estimating future heat wave hazards  <i>Mr Matthias Otto</i>		<b>O8D.8</b> Severity of carpal tunnel syndrome and manual work: findings from a case-control study  <i>Prof Stefano Mattioli</i>	
14.30 – 15.00	<b>Oceania</b> Level 3	<b>Afternoon Tea</b>			
15.00 – 16.30	<b>Amokura</b> Level 4	<b>PANEL DISCUSSION: THE ROLE OF THE OCCUPATIONAL EPIDEMIOLOGIST</b>  Chair: Prof. Jeroen Douwes, Centre for Public Health Research Panel: Dr Laura Beane Freeman, Prof. Neil Pearce, Assoc. Prof. Jackie Benschop, Prof. Rima Habib, Prof. Martie van Tongeren			
		<b>Conference Awards &amp; Closing Ceremony</b>			

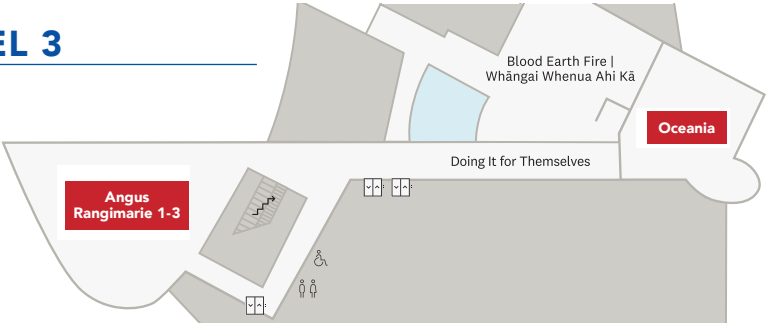


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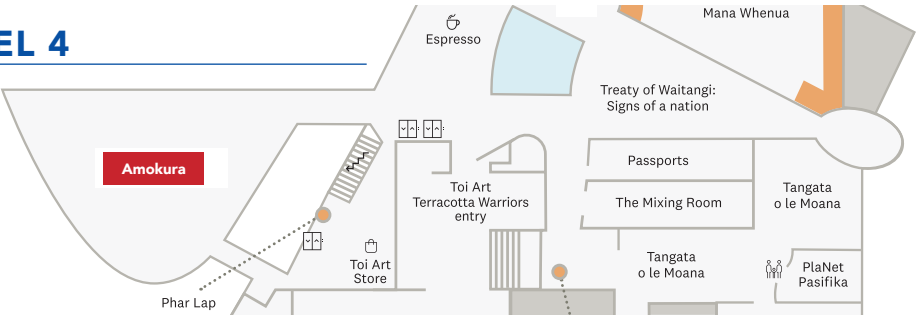
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