

ISEE 2017 - Monday 25 September 2017

Room	Seymour	Ground: 024	Ground: 026	Ground: 020	Ground: 022	Level 1: 100	Level 1: 102	Level 1: 105	
Session	MB01	MB02	MB03	MB04	MB05	MB06	MB07		
0630	Registration								
0730 - 0830	Morning Sessions	<p>Childhood leukemia: From risk to prevention</p> <p>Nutritional risk factors for childhood leukemia Catherine Metayer</p> <p>Childhood leukemia: When and how do we translate knowledge to prevention? Mark Miller</p> <p>Estimating the proportion of childhood leukemia cases attributable to environmental agents Todd Whitehead</p> <p>Home exposures to pesticides and paint increase the risk of childhood leukemia Helen D Bailey</p>	<p>Birth Cohort studies in Korea</p>	<p>Biomarker development through Exposome and Systems biology: where are we and where do we go from here?</p> <p>Air pollution-induced epigenetic regulation of gene expressions in allergic asthma pathway Hyunok Choi</p> <p>Exposome- and transcriptome-wide association study in autism spectrum disorder Sek won Kong</p> <p>Exposure-related epigenetic biomarkers linked to early-life origin of complex diseases – an omic approach Shuk-Mei Ho</p>	<p>Humidifier disinfectant lung injury in Korea</p> <p>Exposure profile based on general population survey Kyoung-Mu Lee</p> <p>Asthma and pneumonia development, case-crossover study Jong Han Leem</p> <p>Fetal damage, case studies Hae Kwan Cheong</p> <p>Prognosis of humidifier disinfectant lung injuries Domyung Paek</p>	<p>The spectrum of chronic disease health effects associated with solar ultraviolet radiation: Harmful or healthy?</p> <p>Why do we need sunlight? Scott Byrne</p> <p>Exposure to solar ultraviolet radiation and risk of autoimmune disorders Anne-Louise Ponsonby</p> <p>Does ultraviolet radiation increase the risk of Kaposi sarcoma? Elizabeth K. Cahoon</p>	<p>Active spaces – how do they affect our health and wellbeing?</p> <p>Indoor environmental quality and worker's overall satisfaction in contemporary open-plan offices Christhina Candido</p> <p>Is Active Design changing health at the workplace? Lina Engelen</p> <p>Activity permissive work design reduce sitting behaviour in office workers Martin Mackey</p> <p>Outdoor play and coping: Results from a school intervention Shirley Wyver</p>		
0830 - 0845	Plenary	Official Opening							
0845 - 1000	Keynote Plenary	<p>Built Environment</p> <p><i>Chair: Bin Jalaludin Co-chair: Gavin Pereira</i></p> <p>Creating healthy, liveable sustainable cities: Why, what and how? Billie Giles-Corti</p> <p>Pathways to healthy urban living Mark Nieuwenhuijsen</p> <p>Aaron Cohen <i>John Goldsmith award winner</i></p>							
1000 - 1030	Morning Tea								
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Session		SYM01	MC01	MC02	MC03	MC04	MC05	MC06	MC07
1030-1200		<p>Symposium: Environmental Public Health Tracking: Approaches and Tools for Advancing the Goals of Healthy Places And People</p> <p><i>Chair: Fuyuen Yip Co-chair: Daniel Kass</i></p>	<p>Environmental disasters</p> <p><i>Chair: Michael Abramson Co-chair: Erik Svendsen</i></p>	<p>Built Environment & Greenness</p> <p><i>Chair: Mark Nieuwenhuysen Co-chair: Iana Markevych</i></p>	<p>Child Health: PFAS, PBDE, BPA and other exposures</p> <p><i>Chair: Gavin Pereira Co-chair: Jiaying Liu</i></p>	<p>Exposure Assessment PM2.5</p> <p><i>Chair: Chang-Chuan Chan Co-chair: Kateryna Fuks</i></p>	<p>Ambient air & cardiovascular mortality</p> <p><i>Chair: Geoff Morgan Co-chair: Shaowei Wu</i></p>	<p>Health impacts in Asia Pacific region</p> <p><i>Chair: Francesco Forastiere Co-chair: David Rojas Rueda</i></p>	<p>Methodologic advances in time series analyses</p> <p><i>Chair: Bircan Erbas Co-chair: TBC</i></p>
1030-1045		<p>Environmental public health and environmental tracking: Implications for the future of environmental health practice and improvement Daniel Kass</p>	<p>Temporal trends in cardiovascular hospital discharges before and after a mass chlorine exposure event in Graniteville, South Carolina Erik Svendsen</p>	<p>Greenness and Breast Cancer in a US-Based Nationwide Prospective Cohort Study Peter James</p>	<p>Prenatal exposure to bisphenol A and bisphenol S and neurodevelopment in children at 2 years of age: Results from the APRON cohort study Jiaying Liu</p>	<p>Intraurban distributions of NO2 and PM2.5 at three dimensions in Lanzhou, China Lan Jin</p>	<p>Case-crossover and nested case-control analyses of the association between mortality and spatially-resolved daily ambient concentrations of NO2 among elderly persons with congestive heart failure, Montreal, 1991-2002. Stephane Buteau</p>	<p>Elevated blood pressure and household solid fuel use in premenopausal women: Analysis of 12 Demographic and Health Surveys from 10 countries Raphael Arku</p>	<p>A Bayesian detection model for chronic disease surveillance: application to COPD hospitalisation data Areti Boulieri</p>
1045-1100		<p>Environmental public health tracking: Approaches and tools for advancing the goals of healthy places and people Heather Strosnider</p>	<p>Combining acrylonitrile air measurements and human biological monitoring in integrated environmental health assessments A case-study following a major train accident in Belgium Michele Rasoloharimahefa</p>	<p>Urban residential greenness and adiposity: A longitudinal cohort study in Stockholm County Tom Bellander</p>	<p>Prenatal exposure to PFAS and neuropsychological development throughout the first 6 years of life: The INMA Study, Spain Maria-Jose Lopez-Esponosa</p>	<p>Full-coverage high-resolution daily PM2.5 estimation using MAIAC AOD in the Yangtze River Delta of China Qingyang Xiao</p>	<p>Modification Effect of Temperature on the Association between Ultrafine Particles and Mortality in Eight European Urban Areas Kai Chen</p>	<p>Impacts of ambient temperature on acute myocardial infarction in Central Coast of Vietnam Thi Anh Thu Dang</p>	<p>Time series analysis of air pollution and health accounting for time-varying overdispersion Howard Chang</p>

Concurrent

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Room		Seymour	Ground: 024	Ground: 026	Ground: 020	Ground: 022	Level 1: 100	Level 1: 102	Level 1: 105	
1100-1115	Concurrent Sessions		An environmental health public tracking hazard ranking approach: Arsenic in private water supplies Giovanni Leonardi	In Utero Dioxin Exposure and Fertility of the Seveso Second Generation Brenda Eskenazi	Urban green space interventions deliver positive health and equity outcomes Anne Cleary	Prenatal exposure to perfluoroalkyl substances and isomers link to depressed toxoid antibody responses in early childhood: Guangzhou Birth Cohort Study Xiaowen Zeng	Evaluation of a Data Fusion Approach to Estimate Daily PM2.5 Levels in North China. Fengchao Liang	A Nationwide Case-crossover Study on Air Pollution and Mortality in the Medicare Population Qian Di	Update of the exposure response function for the evaluation of the impact of PM2.5 on natural mortality Francesco Forestiere	Projecting temperature-related health impacts under climate change scenarios: a methodological overview Antonio Gasparrini
1115-1130			Introducing environmental public health tracking to small island developing states: A case study in Tonga Matthew Ashworth	Ethical Concerns in Epidemiology which are unique to Environmental Disasters Erik Svendsen	Green Spaces and Spectacles Use in School children Mark Nieuwenhuijsen	Prenatal Polybrominated Diphenyl Ether (PBDE) Exposure and Social Cognition at Age 14 Maria Harris	Assessment of indoor and outdoor PM2.5 in slums of Mumbai, India Harish Phuleria	Long Term Exposure to Black Carbon and Cardiovascular Mortality: A study based on A Dynamic Three-Dimensional Exposure Model in an elderly cohort Yang Yang	Prevalence and risk factors of COPD in Karachi, Pakistan: findings from the Adult Asthma Study-Karachi Shama Razzaq	Time series trends and seasonal analysis of Salmonellosis and Campylobacteriosis in Australia Maryam Ghazani
1130-1145			International Collaborative Network on Carbon Monoxide (CO): A Global Dialogue for public health tracking and management of CO risks Srikanth Mangalam	Evaluating injury emergency department visit after Hurricane Sandy and developing community vulnerability index Shao Lin	Association of neighborhood green space with depressive and anxiety symptoms in older adults Vivian C. Pun	Influences of Chemical and Non-Chemical Stressors on Childhood Obesity Nicolle Tulve	A Real-Time Low-Cost Optical Sensors in the Measurement of Household PM2.5 in Rural Bangladesh Talat Islam		Water Quality and links to undetermined CKD in Sri Lanka: an ecological pilot study Nicholas Osborne	A National Multi-City Instrumental Variable Analysis of the Causal Effect of Local Particles on Mortality Joel Schwartz
1145-1200					Green space, noise and air pollution and mortality in Barcelona Mark Nieuwenhuijsen	Center for Children's Health, the Environment, Microbiome, and Metabolomics (C-CHEM2): Project 1- Characterizing Exposures in an Urban Environment (CHERUB) Study Preliminary Results P Barry Ryan	Policy Discussion Xinbiao Guo			
1200 - 1400	Lunch and Poster Session @ MacLaurin Hall									
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1200-1400	Ancillary Meetings					Ethics and Philosophy Meeting	ISEE Policy Committee Business Meeting	Latin American Chapter	Eastern Mediterranean Chapter	
Session			SYM02	SYM03	MC08	MC09	MC10	MC11	MC12	MC13
1400 - 1530	Concurrent Sessions		Symposium: Pathways linking greenspace exposure to health outcomes	Symposium: Pushing boundaries in landscape fire smoke epidemiology for improved public health outcomes	Built Environment & Transport	Child Health: pesticides and dioxins	Exposure Assessment Methods	Cardiovascular effects of ambient fine & ultrafine particles	Health impacts on chronic diseases	Other Methodologic advances
			<i>Chair: Gayan Bowatte Co-chair: Elaine Fuertes</i>	<i>Chair: Fay Johnston Co-chair: Geoff Morgan</i>	<i>Chair: Hanna Boogaard Co-chair: Cristina O'Callaghan-Gordo</i>	<i>Chair: Guang-Hui Dong Co-chair: Jacqueline Barkoski</i>	<i>Chair: Luke Knibbs Co-chair: TBC</i>	<i>Chair: Bert Brunekreef Co-chair: Yi Wang</i>	<i>Chair: Benjamin Scalley Co-chair: Regina Rückerl</i>	<i>Chair: Michael Friger Co-chair: Lianne Sheppard</i>
1400-1415			Overview of the pathways linking greenspace and health: how strong is the evidence? Iana Markevych	Association between wildfire smoke and pulmonary-related morbidity during the 2012 Washington wildfires Ryan Gan	Is the relationship between age and utilitarian walking influenced by the neighbourhood built environment? Fatima Ghani	Maternal use of household pesticides during pregnancy and risk of childhood brain tumor and neuroblastoma in the offspring Helen Bailey	Historical estimation of nitrogen dioxide exposures from a satellite-based land-use regression model for Australia Luke Knibbs	Air Purification and Vascular Health: A Randomized Crossover Trial in a Senior Living Facility Sara Adar	Elevated level of exhaled carbon monoxide is associated with higher risk of cardiovascular disease and diabetes: a cross-sectional study of 286,256 never-smokers Ka Hung Chan	Understanding the Replication Crisis and Its Implications for Environmental Epidemiology Scott Bartell
1415-1430			Measuring policy-relevant (or amenable) exposures for a more consequentialist environmental epidemiology: a critique and some potential avenues for future studies of green space and health Thomas Astell-Burt	A rapid assessment of the health impacts of PM2.5 from hazard reduction burning around Sydney in May 2016 Richard Broome	Assessing the Impact of Transport Mode, Trip Purpose, and the Built Environment on Mood Using a Smartphone App Trevin Glasgow	Combined Exposures to Prenatal Pesticides and Folic Acid Intake in Relation to Autism Spectrum Disorder Rebecca J Schmidt	Bayesian blending of nitrogen dioxide air pollution data for neighbourhood estimates for health research Ivan Hanigan	Exposure to indoor PM2.5 increases 24-hour blood pressure in adult urban population from Bucaramanga, Colombia Laura Andrea Rodriguez-villamizar	Temporal variability of PM10 risks in Seoul, Korea Yongsoo Choi	Data-based Structure Learning to Identify Confounders – air pollution and progression of subclinical atherosclerosis Frauke Hennig
1430-1445			Analytical challenges in greenspace and health research Iana Markevych	Using crowd sourced data to understand health impacts of wildland fire smoke exposures Ana Rappold	Examining the effect of service quality, impact of usage and attitude on the intention to use rail transit among motorists in Kuala Lumpur, Malaysia. Soo Chen Kwan	In utero pyrethroid pesticide exposure and risk of autism spectrum disorders or other non-typical development at 3 years and child gene expression in the MARBLES longitudinal cohort Jacqueline Barkoski	Machine Learning Approach for Spatially and Temporally Resolved PM2.5 Exposures in the Continental United States Qian Di	Long-term exposure to ultrafine particles and incidence of cardiovascular and cerebrovascular disease Roel Vermeulen	The Effect of Climate and Altitude Variability on Tuberculosis: A systematic review Yalemzewod Gelaw	Inference with Cumulative Relative Risk in Environmental Epidemiology: Part III. Inference from lag variables Honghyok Kim

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1445-1500			How can researchers shape urban green space planning and practice? Dave Kendal	Forecasting smoke and community health impacts – keeping a step ahead of the epidemiological curve Sarah Henderson	Impacts of the Built Environment on Active Travel: Evidence from 20 US Metropolitan Areas Huyen Le	Association between hair-concentrations of pesticides during pregnancy and birth weight: a multipollutant approach from the Elfe birth cohort Rémi Béranger	Land use regression models for BTEX volatile organic compounds in a Middle Eastern megacity: Tehran Study of Exposure Prediction for Environmental Health Research (Tehran SEPEHR) Heresh Amini	Cause-specific Risk and Medical Cost Associated with Acute Exposure to PM2.5 among Older Adults Yan Wang	Mortality risks from a spectrum of causes associated with wide-ranging exposure to fine particulate matter: A case-crossover study in Beijing, China Tiantian Li	Methodological issues in studies of prenatal exposure to mixtures of endocrine disrupting chemicals: a systematic review Nina Lazarevic
1500-1515				Discussant Geoff Morgan	The contribution of walkability to geographic variation in psychosocial distress and role limitation due to emotional problems in Sydney, Australia Darren Mayne	Gene-Dioxin Interactions and Birthweight in the Seveso Second Generation Health Study Jennifer Ames	Physically-sound air pollution regression modelling with a heterogeneous wind field Shimon Chen	Traffic related UFP and cardiovascular findings from the CAFEH study in Boston USA Wig Zamore	Particulate matter related disease burden – a plethora of estimates – which ones to accept and which ones to trust? Dietrich Plass	Estimating the Effect of Exposure on Rate of Change in Environmental Epidemiology Lianne Sheppard
1515-1530				Conclusion Fay Johnston	The built environment correlates of a walking hotspot in the Australian Capital Territory Soumya Mazumdar		Estimated effects of air pollution and space-time-activity on cardiopulmonary outcomes in healthy adults: a repeated-measures study Thomas Cole-Hunter		Association between particulate matter air and the rheumatic disease among adult Jiyoung Shin	
1530 - 1600					<i>Afternoon Tea</i>					
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Session			SYM013	MC14	MC15	MC16	MC17	MC18	MC19	MC20
1600 - 1730	Concurrent Sessions		Symposium: Environmental microbiomes and human health	Built Environment, Obesity & Mortality	Child Health: metals elements & other exposures	Air pollutant exposure estimates - which method suits your purpose?	Ambient air, inflammation & cardiovascular hospitalisation	Other Health impacts	Indoor Air in Developing countries & Infectious Diseases	Ambient air child neurological
			<i>Chair: Philip Weinstein Co-chair: Peng Bi</i>	<i>Chair: Thomas Astell-Burt Co-chair: Guéladio Cissé</i>	<i>Chair: Youn-hee Lim Co-chair: Eleni Papadopoulou</i>	<i>Chair: Amanda Wheeler Co-chair: TBC</i>	<i>Chair: Lucas Neas Co-chair: Laura Corlin</i>	<i>Chair: Simon Hales Co-chair: Katherine Todd</i>	<i>Chair: Luke Knibbs Co-chair: Elaine Fuertes</i>	<i>Chair: Yun-chul Hong Co-chair: Jordi Sunyer</i>
1600-1615			Green space in China Alistair Woodward	Neighbourhood green space quantity, quality and 'equigenesis' of body mass index: Evidence among a cohort of Australian mothers Thomas Astell-Burt	Associations between prenatal lead exposure and birth outcomes in Shanghai newborns: potentially affected by infant sex and maternal dietary intakes Ju Wang	Adoption of gas stoves reduces exposure to household air pollution among pregnant, rural Guatemalan women: A feasibility study John Weinstein	Joint short and long-term effects of air pollution on cardiac readmissions in a cohort of myocardial infarction survivors Francesco Forestiere	International Classification of Diseases codes of morbidity and mortality in populations in the vicinity of coal mining Javier Cortes-Ramirez	Household air pollution and pneumococcal carriage in 6 months old children in Malawi - MSCALE study Mukesh Dherani	Air pollution and cognitive development in children of UK Millennium Cohort Study Ai Milojevic
1615-1630			Environmental microbiome gradients Andy Lowe	Urban health: the climate vulnerability index and cause specific mortality in a large cohort followed from 2001 to 2013 Giulia Cesaroni	Maternal selenium status and child neuropsychological development in young children Sabrina Llop	Personal and occupational exposure to traffic-related fine particulate matter in Accra, Ghana Raphael Arku	A conditional Poisson analysis of fine particulate matter and U. S. Medicare hospitalization, 1999-2010, by individual-level chronic health conditions. Lucas Neas	New insights into PM2.5 and life-expectancy association using predicted county-average PM2.5 concentrations Sun-Young Kim	Exposure to indoor air pollutants and childhood pulmonary tuberculosis Nkosana Jaftha	Combined effect of air pollution and secondhand smoke on neurodevelopment at 24 months Seulbi Lee
1630-1645			Satellite assessment of diversity C Skelly	Natural outdoors environments and obesity: the multicase-control study in Spain (MCC-Spain) Cristina O'Callaghan-Gordo	The impact of antibiotic exposure during prenatal and infant period on childhood overweight and obesity: a meta-analysis of population-based cohort studies Yizhe Song	Development of land use regression model for fine particles in peri-urban South India Margaux Sanchez	Effects of short-term exposure to ambient air pollution on hospital admissions for acute myocardial infarction in Bangkok, Thailand Arthit Phosri	The effect of warm season temperature on Salmonella serotypes Adriana Milazzo	Effects of indoor and ambient absolute humidity on the outbreak of Influenza Hao-ting Chang	The relationship between the natural environment, road density, and academic performance in Portland, Oregon Geoffrey Donovan
1645-1700			Respiratory outcomes of exposure Craig Liddicoat	Residential green and mortality in Switzerland Danielle Vienneau	The impacts of ambient temperature on stillbirth and preterm birth: Brisbane, 1994-2013 Shanshan Li	Incorporating Area Emission Sources in Land Use Regression Models of Volatile Organic Compounds Tianjuan Lu	Long-term residential exposure to ultrafine particles and C-reactive protein (CRP) Regina Ruckerl	The impact of PM2.5 and NO2 on All-Cause Mortality in the Sydney area: 45 and Up cohort study Geoff Morgan	Exhaled carbon monoxide as a potential biomarker of household air pollution exposure: a cross-sectional study of 0.5 million Chinese adults Ka Hung Chan	Associations between prenatal exposure to air pollutants and developing autism: A population-based cohort study in Metro Vancouver, Canada Lief Pagalan
1700-1715			Environment and gut microbiome Sam Costello	Natural outdoor environments and mortality in Perth, Western Australia Wilma Zijlema	Residential green space quantity and quality and child mental wellbeing: a longitudinal study Xiaoqi Feng	Agreement between local LUR and national satellite-based LUR models for estimating NO2 in Sydney, Australia Christine Cowie	The synergistic effect of short and long term exposure to PM2.5 and temperature on hospital admissions in New England Joel Schwartz	Distribution of extended-spectrum β-lactamases and AmpC β-lactamases-producing Enterobacteriaceae in urban and rural areas in Shandong, China Yizhe Song	Global citizen-led insights into the composition and risks of household dust Mark Patrick Taylor	
1715-1730			Socioeconomic benefits S Wheeler	Research into the built environment: some ethical considerations Wael Al-Delaimy	Lead exposure in young children over a 5-year period using alternative exposure measures with the US EPA IEUBK model Brian Gulson	Can Real-time Knowledge of Environmental Conditions Improve Health? Amanda Wheeler		Use of large electronic health record databases for environmental epidemiology studies Cavin Ward-Cariness	Ethical Considerations in Air Pollution Exposure Assessment Kristen Fedak	
1730 - 1830	Ancillary Meetings						BICCA meeting			