

ISEE Young 2021 Programme Overview

	Münster	Spalantor	Rathaus	Buvette
Wednesday 17 February 2021				
11:00-12:15				Peer Mentoring*
18:00-19:30				Pub quiz
Thursday 18 February 2021				
7:45-8:45				Morning Yoga
9:00-10:15	Opening Plenary			
10:15-10:45				Welcome event
10:45-11:00				Coffee break
11:00-12:30	M.OS1: Ambient temperature & health	S.OS1: Air pollution, noise & mental health	R.OS1: Indoor & occupational exposures	
12:30-13:15				Lunch break
13:15-14:45	M.OS2: Health Impact Assessment & air quality policy	S.OS2: Urban environment and green space	R.OS2: Short term health effects	
14:45-15:15				Coffee break
15:15-16:30	M.ST1: Respiratory health, allergies & infectious diseases	S.ST1: Environment and the brain	R.ST1: Air pollution: cardiometabolic health & Covid-19	
16:30-17:45	Special Plenary			
Friday 19 February 2021				
7:45-8:45				Morning Pilates
9:00-10:15	M.ST2: Early life and child health	S.ST2: Air pollution: mortality, morbidity & methods	R.ST2: Green space, temperature, cancer	
10:15-10:30				Coffee break
10:30-11:15				Meet the Editors
11:15-12:30	M.OS3: Environmental contaminants & health	S.OS3: Early life & perinatal health	R.OS3: Green space & mental health	
12:30-13:15				Lunch break
13:15-14:45	M.OS4: Long term effects of air pollution	S.OS4: Methods in exposure assessment	R.OS4: Epigenetics	
14:45-15:00				Coffee break
15:00-17:15	Closing Plenary			

Timezone: Central European Time (CET)

*separate link: bit.ly/iseementoring

Check your timezone here: <https://www.timeanddate.com/worldclock/converter.html?iso=20210218T080000&p1=1229>

Detailed Programme

Münster		Spalantor		Rathaus		Buvette	
Wednesday 17 February 2021							
11:00-12:15							Peer Mentoring*
18:00-19:30							Online Pubquiz!
Thursday 18 February 2021							
7:45-8:45							Morning yoga class with Sarah
9:00-10:15	Opening Plenary Chairs LOC - Danielle Vienneau & Marloes Eeftens *Welcome Danielle Vienneau *Keynote - Maria Foraster (ISGlobal, Barcelona) *Keynote - Melissa Penny (Swiss TPH, Basel)						
10:15-10:45							Welcome to ISEE Young!
10:45-11:00	Coffee break at the ISEE Young Buvette						
11:00-12:30	M.OS1: Ambient temperature & health - Chair: Ana M. Vicedo-Cabrera / Co-Chair: Evan de Schrijver Comparison of heat-related excess mortality during the four warmest summers in Switzerland - Martina Ragetti Short-term effects of air temperature on mortality in seven cities in Norway. A time series analysis. - Liliana Vázquez Fernández A country-wide small-area analysis on temperature-mortality risks and geographical variation in vulnerability - Matteo Scortichini The role of population ageing in heat- and cold-related mortality trends in Switzerland - Evan De Schrijver Ambient temperature and cognitive function in elderly women - Qi Zhao Short-term effects of cold spells on plasma viscosity - Wenli Ni	S.OS1: Air pollution, noise & mental health - Chair: Bénédicte Jacquemin / Co-Chair: Jun Yang Effects of Transportation Noise on Adolescents Behavior - Louise Tangermann Effect modifiers of the association between black carbon and cognitive performance in a French population cohort - Jun Yang The effect of air pollution mixtures and socioeconomic status on cognitive decline in Metro Atlanta, USA - Grace Christensen Early-life urban exposure and cognitive and psychomotor function in children in 4 European birth cohorts - Anne-Claire Binter Air pollution and the mental health status of the Belgium population - Pauline Hautekiet Air pollution and traffic noise exposure and functional brain connectivity in preadolescents aged 9 to 12 years - Laura Pérez-Crespo	R.OS1: Indoor & occupational exposures - Chair: Michele Turner / Co-Chair: Allison Ciesla Dangerous jobs: pesticide exposure among migrant farmworkers - Allison Ciesla Validation of a job-exposure matrix using personal measurements of occupational exposure to radiofrequency fields. - Maxime Turuban Association between occupational exposure to formaldehyde and cognitive impairment: the French CONSTANCES study - Noemie Letellier Investigation of indoor air quality and identification of influential factors at an university campus in southern India - Akila Muthalagu				
12:30-13:15	Lunch at the ISEE Young Buvette						
13:15-14:45	M.OS2: Health Impact Assessment & air quality policy - Chair: Hanna Boogaard / Co-chair: Sasha Khomenko The impact of COVID-19 government measures on air quality in European cities - Jiawei Zhang Premature mortality due to air pollution in European cities; an Urban Burden of Disease Assessment. - Sasha Khomenko Health Impacts from Ambient Particle Exposure in Southern Sweden - Ralf Rittner Avoided health effects due to the implementation of Air Quality Plan in Malopolska region Poland - Lukasz Adamkiewicz The Impact of Urban Environmental Exposures on Health: An Assessment of the Mortality Burden in Sao Paulo, Brazil - Evelise Pereira-Barboza Communicating effects of ambient air pollution - Meltem Kutlar Joss	S.OS2: Urban environment & green space - Chair: Zorana Jovanovic Andersen / Co-chair: Ione Avila-Palencia Indoor dust microbiota and residential surrounding green space - Yinthe Dockx Associations of urban environment features with hypertension and blood pressure across 230 Latin American cities - Ione Avila-Palencia The impact of transport and urban planning practices on health in Madrid and Barcelona and its distribution by SES - Tamara lungman Contribution of park visits to daily physical activity levels: Evidence using smartphone tracking data - Guillem Vich	R.OS2: Short term health effects - Chair: Petter Ljungman / Co-chair: Masna Rai Acute mortality and aircraft noise: results from a case-crossover study - Apolline Saucy Short-term effects of temperature on cardiorespiratory mortality and its modification by air pollution in German cities - Masna Rai Short-term exposure to nitrogen dioxide and emergency admissions in England: A time-stratified case-crossover study - Weiyl Wang Shape-constrained splines in epidemiological applications - Pierre Masselot Short-term effects of particulate matter concentrations and air temperature on Pulmonary Embolism in Italy - Chiara Di Biasi Diesel-powered vehicles, ultra-fine particles, traffic policies and mortality: a time series analysis - Arnt Diener				
14:45-15:15	Coffee break at the ISEE Young Buvette						
	M.ST1: Respiratory health, allergies & infectious diseases - Chair: Marloes Eeftens / Co-chair: Apolline Saucy Air pollution and current rhinitis in the Constances cohort - Marine Savouré Beyond Seasonal Suffering: Effects of Pollen on Cardiorespiratory Health, Cognitive Performance and Allergic Symptoms - Alexandra Bürgler	S.ST1: Environment & the brain - Chair: Youn Hee Lim / Co-chair: Mohammadjavad ZareSakhvidi Air pollution, noise pollution, and cognition across the lifespan: a systematic review and meta-analysis - Rhiannon Thompson Exposure to ambient air pollution and cognitive decline: results of the prospective Three-City study - Jeanne Duchesne	R.ST1: Air pollution: cardiometabolic health & Covid-19 - Chair: Kai Chen / Co-chair: Allison Patton Short-term exposure to ultrafine particles and heart rate variability: A systematic review and meta-analysis - Siqi Zhang Short-Term Effects of Ambient Air Temperature on Blood Pressure, Considering Effect Modification by Air Pollution - Margarethe Woeckel				

15:15-16:30	<p>Antimicrobial resistance in rural communities in Latin America: a scoping review - Maria Luisa Medina-Pizzali</p> <p>Inter/intra-individual variability of oxidative stress biomarkers in exhaled breath condensate in an adult population - Maud Hemmendinger</p> <p>8-isoprostane concentration in exhaled breath condensate (EBC) of healthy non-exposed adults - Yara Shoman</p> <p>Ambient air pollution and asthma incidence in the European Community Respiratory Health Survey (ECRHS) III - Pratik Pokharel</p> <p>Polygenic susceptibility in air pollution exposure associated respiratory health: the GINplus/ LISA birth cohorts - Sara Kress</p> <p>The interactive effect of air pollution and temperature on respiratory health: a systematic review and meta-analysis. - Ashtyn Areal</p>	<p>Air pollution exposure and cognitive performance in middle age: findings from the CONSTANCES cohort - Mohammadjavad ZareSakhvidi</p> <p>Environmental factors associated with Parkinson's Disease, a population-based longitudinal study - Shaked Yarza</p> <p>Sex-based differences in the associations between long-term air pollution, noise, and brain structure in the Default Mod - Sarah Lucht</p> <p>Neighborhood-level factors as confounders and effect modifiers for the association between PM2.5 and cognitive function - Zhenjiang Li</p> <p>Short-term effects of ambient temperature and air pollution on mental health hospitalizations in Bern, Switzerland - Marvin Bundo</p> <p>Nutrition, gUT microbiota, and BBrain AgINg (the NutBrain Study): rational, study design, and preliminary data. - Silvia Conti</p> <p>Traffic Noise Exposure and Emotional, Aggressive, and Attention Deficit and Hyperactivity Disorder Symptoms in Children - Laura Pérez-Crespo</p> <p>Can nature help children to be kind? Evidence from Australia - I Gusti Ngurah Edi Putra</p>	<p>Can Environmental and Socioeconomic Factors explain the regional differences in Type 1 Diabetes Prevalence in Children? - Mahnaz Badpa</p> <p>Health effects of ambient air pollution exposure during moderate-to-vigorous physical activity: a systematic review - Andy Hung</p> <p>Characterizing the Effects of Air Pollution Exposure and Diabetes Prevalence on COVID19 Case-fatality Rates - Naomi Riches</p> <p>Exploring the intriguing correlation between Covid-19 and Pollution - Gelsomina Pillo</p> <p>Factors affecting severity of COVID-19 infection among Health Care Providers of a tertiary care center at Rohtak, India - Arup Saha</p> <p>Role of meteorological factors in the transmission of COVID-19 in the United States - Yiqun Ma</p> <p>Does lockdown save lives in the short term? The effect of government responses to the COVID-19 outbreak on mortality - Sebastian Mader</p> <p>A national survey to evaluate the role of COVID-19-related PPE on heat stress in healthcare workers: WORKCLIMATE PROJECT - Alessandro Messeri</p> <p>Impact of housing on changes in youth's mental health in a pandemic - Jonathan Groot</p>	
16:30-17:45	<p>Plenary 2: Panel discussion - Learning from COVID19 pandemic: opportunities and challenges for young environmental epidemiologists</p> <p>Moderators: Temitope Adebayo & Masa Davidovic (Swiss TPH, Basel)</p> <p>*Introduction: Ana M. Vicedo-Cabrera (ISPM Bern)</p> <p>*Andy Haines (LSHTM, UK)</p> <p>*Barbara Hoffmann (Univ of Düsseldorf, Germany)</p> <p>*Manolis Kogevinas (ISGlobal, Spain)</p>			
<p>Friday 19 February 2021</p>				
7:45-8:45				<p>Morning pilates class with Marcella</p>
9:00-10:15	<p>M.ST2: Early life & child health - Chair: Danielle Vienneau / Co-chair: Sara Kress</p> <p>Associations between ambient PM2.5 pollution and NICU admissions by neighborhood racial and socioeconomic composition - Kayan Clarke</p> <p>Air pollution and aeroallergens as an inflammatory trigger in preterm birth - Enrico Cocchi</p> <p>Dynamics of skin microvascular blood flow in children in association with pre- and postnatal air pollution exposure - Katrien Witters</p> <p>Housing characteristics and sources of indoor pollution in Denmark - Jonathan Groot</p> <p>Validation of self-reported tobacco use among young adults - Anna Zettergren</p> <p>Noise - confounding effects of air pollution in relation to childhood cognitive development - Yingxin Chen</p> <p>Sex difference of early life exposure to developmental neurotoxins on IQ: A systematic review - Carly Goodman</p> <p>In vitro models to predict the toxicological effects of polyfluoroalkyl substances. - Stefania Serra</p> <p>Protocol for a national survey on key sources of lead (Pb) exposure among children - Elizabeth Marchant</p> <p>Exposure to persistent organic pollutants and ovarian reserve reduction : a case control study in western France - Maximilien Génard-Walton</p>	<p>S.ST2: Air pollution: mortality, morbidity & methods - Chair: Kees de Hoogh / Co-chair: Lukasz Adamkiewicz</p> <p>Comparing methods to impute missing daily ground-level PM10 concentrations between 2010 - 2017 in South Africa. - Oluwaseyi Arowosegbe</p> <p>Land Use Random Forest model for estimation of NO2 in Rome - Federica Nobile</p> <p>Geospatial estimation of Non-Exhaust Emissions using remote earth observation - Annalisa Sheehan</p> <p>Is a Land Use Regression model capable of predicting cleanest home-to-school routes? - Luca Boniardi</p> <p>Exploring spatial determinants of Legionnaires? disease using GIS in Switzerland - Julia Fanderl</p> <p>Systematic Review on Selected Health Effects of Long-term Exposure to Traffic-Related Air Pollution - Allison Patton</p> <p>The short-term relationship between air pollution and hospital admissions for genitourinary disease in Beijing, China - Lingzhi Chu</p> <p>Causal dose-response relations between air pollutants and mortality in elders - Yaguang Wei</p> <p>Air pollution and mortality in the RoLS cohort: a case-cohort approach. - Matteo Renzi</p> <p>Potential health benefits following the implementation of low emission zones in Malmö, Sweden - Erin Flanagan</p>	<p>R.ST2: Green space, temperature, cancer - Chair: Heresh Amini / Co-chair: Aina Roca Barceló</p> <p>The Lack of Green Spaces and Premature Mortality in European Cities: an Urban Burden of Disease Assessment - Evelise Pereira-Barboza</p> <p>Air pollution, greenness and cause-specific mortality in Greece: an ecological study - Maria-Iosifina Kasdagli</p> <p>Physical neighbourhood characterisation for the childhood obesity study - Diego Malacarne</p> <p>Effect of greenness and moderate air pollution on the nasal microbiota during the first year of life - Amanda Gisler</p> <p>Roads as modifiers of path visible vegetation and self-rated health associations in urban England & Wales - Richard Belcher</p> <p>Heat-related cardiovascular morbidity and mortality in Switzerland: a clinical Perspective - Ulrich Florian Schulte</p> <p>Heat, heatwaves and cardiorespiratory hospital admissions in Helsinki, Finland - Hasan Sohail</p> <p>Exploring acclimatization to temperature in São Paulo, Brazil - Aina Roca Barceló</p> <p>Effects of nighttime fasting duration on prostate cancer risk in Spain (MCC cohort) - Anna Palomar-Cros</p> <p>Lung cancer mortality in the Swiss working population: the effect of occupation after adjustment for tobacco and radon - Nicolas Bovio</p>	

	<p>Prenatal Exposure to Persistent Organic Pollutants and Markers of Cardiometabolic Risk in Spanish Adolescents - Nuria Guil Oumrait</p> <p>Epigenetic signatures of newborn telomere length and telomere attrition in early life - Congrong Wang</p>	<p>Narrative Review of Citizen Science in Environmental Epidemiology: Setting the stage for co-created research projects - Frederique Froeling; Florence Gignac</p>	<p>Skin Cancer Mortality in Switzerland is associated with Indoor Radon and UV Exposure - Seçkin Boz</p>	
10:15-10:30	Coffee break at the ISEE Young Buvette			
10:30-11:15				<p style="text-align: center;">Meet the editors/president</p> <p>*Bert Brunekreef: Environmental Epidemiology *Hanna Boogaard: Environmental International *Manolis Kogevinas: Environmental Health Perspectives *Payam Dadvand: Environmental Pollution *Hans Kromhout: Occupational and Environmental Medicine *Mark Nieuwenhuijsen: ISEE president</p>
11:15-12:30	<p>M.OS3: Environmental contaminants & health - Chair: Maribel Casas / Co-chair: Michiel van den Dries</p> <p>The associations between PFAS and lipid profile in an exposed adult population: a mixture-based approach - Erich Batzella</p> <p>Association of persistent organic pollutants with neuropathy in participants with and without diabetes or prediabetes - Maximilian Schwarz</p> <p>Prenatal exposure to non-persistent chemical mixtures and offspring IQ and emotional and behavioral symptoms - Michiel van den Dries</p> <p>Prenatal exposure to per- and polyfluoroalkyl substances and child metabolic and cardiovascular health - Charline Warembourg</p>	<p>S.OS3: Early life & Perinatal health - Chair: Ulrike Gehring / Co-chair: Rossella Alfano</p> <p>Exposure to greenspace and birth weight in a middle-income country - Maria Torres Toda</p> <p>Surrounding greenness and first trimester hair cortisol levels among pregnant women in a cross-sectional study - Keren Agay-Shay</p> <p>Prenatal and childhood vitamin D levels and the development of allergy and asthma in children - Júlia Sangüesa</p> <p>Early life environmental exposures induce persistent changes in gut bacteria composition of seven-year-old children - Léa Maitre</p> <p>Cord blood metabolites and rapid growth as mediators of the effects of prenatal exposures on childhood overweight - Rossella Alfano</p>	<p>R.OS3: Green space and mental health - Chair: Iana Markevych / Co-chair: Maya Sadeh</p> <p>Exposure to greenspace and aggressive behavior among schoolchildren - Mónica Ubalde-López</p> <p>Association of neighborhood greenness with mental health in elderly women - Hicran Altug</p> <p>Residential greenness is beneficial for the emotional quality of life after coronary artery bypass graft surgery - Maya Sadeh</p> <p>Assessing multiple environmental exposures and depressive symptoms: A Dutch cross-sectional smartphone-based study - Hannah Roberts</p>	
12:30-13:15	Lunch at the ISEE Young Buvette			
13:15-14:45	<p>M.OS4: Long term effects of air pollution - Chair: Tamara Schikowski / Co-chair: Adjani Peralta</p> <p>Long term exposure to air pollution and risk of CKD: evidence from Malmö diet and cancer cohort - Yiyi Xu</p> <p>Associations between acute and long-term exposure to PM2.5 components and temperature with QT interval length - Adjani Peralta</p> <p>Long-term low-level ambient air pollution exposure and liver cancer incidence: a pooled analysis of 6 European cohorts - Rina So</p> <p>Air pollution and sperm quality - Yara Mileth Carrejo Gironza</p> <p>How does traffic-related air pollution influence on immune system development in utero? The NELA cohort study. - Azahara M. Garcia-Serna</p> <p>Air pollution exposure in association with telomere and mitochondrial damage: TP53 and PPARG1A as key regulators. - Charlotte Van Der Stukken</p>	<p>S.OS4: Methods in exposure assessment - Chair: Massimo Stafoggia / Co-chair: Emeline Lequy</p> <p>Investigating the impact of different exposure methods on the estimates of short-term exposure to PM10 on mortality - Sofia Zafeiratou</p> <p>Estimating urban exposure to airborne metals using moss biomonitors - Emeline Lequy</p> <p>Ultrafine particle exposure during bicycle commutes in peak or off-peak traffic: a repeated measures study in Copenhagen - Marie Bergmann</p> <p>Bayesian Geostatistical Modelling of Exposure and Disease Risk in an Environmental High Risk Area in Italy - Giorgia Stoppa</p> <p>Application of a hybrid spatiotemporal air temperature model in Germany during 2000-2019 for epidemiological research - Nikolaos Nikolaou</p> <p>An ensemble approach to estimate daily PM2.5 and PM10 in France, 2003 - 2018 - Ian Hough</p>	<p>R.OS4: Epigenetics - Chair: Olena Gruzieva/ Co-chair: Yueli Yao</p> <p>Variability of multi-omics profiles in a population-based child cohort - Marta Gallego Patils</p> <p>The early-life exposome and epigenetic age acceleration in children - Paula de Prado-Bert</p> <p>Prenatal exposure to air pollution, placental mitochondrial DNA copy number, telomere length and risk of preeclampsia - Yumjirmaa Mandakh</p> <p>Pregnancy exposure to selected phenols and placental DNA methylation in the EDEN mother-child cohort - Paulina Jedynak</p> <p>Long-term exposure to ambient air pollution exposure and nasal DNA methylation in children from Denmark - Casper-Emil Tingskov Pedersen</p> <p>Short- and mid-term exposure to air pollution are associated with DNA methylation - Yueli Yao</p>	
14:45-15:00	Coffee break at the ISEE Young Buvette			
15:00-17:15	<p style="text-align: center;">Closing Plenary</p> <p>Chairs SOC: Bénédicte Jacquemin (INSERM) & Massimo Stafoggia (DEP Lazio)</p> <p>*Member benefits - Michelle Turner (ISGlobal)</p> <p>*Keynote - Virissa Lenters (Uni. Medical Center Utrecht)</p> <p>*Keynote - Nina Iszatt (Norwegian Inst. of Public Health)</p> <p>*Speed-talk finals</p> <p>*Goodbye-ISEE President Mark Nieuwenhuijsen (ISGlobal)</p> <p>*Awards - presented by Awards committee</p> <p>*Close session</p>			