

## 14<sup>th</sup> UK and Ireland Occupational and Environmental Epidemiology Meeting

### 3<sup>rd</sup> June – Environmental Epidemiology focus

Time	Topic	Format
13:00	<b>Welcome: Anna Hansell, Sara de Mateis</b>	
13:10	<b>Keynote: Paul Wilkinson 'Air pollution and asthma: the 2019/2020 UK inquest into the death of Ella Kissi-Debrah.'</b>	25 mins + 10 mins discussion and qs
13:45	Hans Kromhout: Publishing in Occupational & Environmental Medicine	5 mins
13:50	<b>Break</b>	
14:00	<b>Session 2 – Air pollution, traffic noise and climate change Chairs: Mireille Toledano + CO-CHAIR (TBC)</b>	
14:05	Learning nonlinear effects of environmental exposures with exposure disaggregation regression	10 mins + 5 mins qs
14:20	Which groups of individuals are more likely to die from unintentional carbon monoxide poisoning? An overview of coroners' findings	Title slide + 3 slides
14:25	Association of household cooking behaviour and acute respiratory infection risk in young children: an analysis of 30 Sub-Saharan African countries	Title slide + 3 slides
14:30	Chemical characterisation of the indoor air environment of residential buildings	Title slide + 3 slides
14:35	Impact of the London Ultra Low Emission Zone on health outcomes across the lifecourse: study protocol	Title slide + 3 slides
14:40	Questions on air pollution talks	5 mins qs
14:45	Traffic noise and violent crime: empirical evidence from England	Title slide + 3 slides
14:50	Exploring adaptation to temperature over 20-years in São Paulo, Brazil	Title slide + 3 slides
14:55	Climate change and health equity in UK: systematic review of equity implications of coastal hazards on health and wellbeing	Title slide + 3 slides
15:00	Questions on noise and climate change talks	5 mins qs
15:05	<b>Break</b>	
15:15	<b>Session 3 – COVID-19 epidemiology and environment Chairs: Giovanni Leonardi + CO-CHAIR (TBC)</b>	
15:20	Exposure to perfluoroalkyl substances and risk for COVID-19, new results and implications for general population exposure	8 mins + 2 mins qs
15:30	Safety CO2 Levels for Indoor Airborne Infection Risk of COVID-19	8 mins + 2 mins qs
15:40	Public Transport during a Pandemic: A rapid review of the literature investigating COVID-19 transmission and control on ground public transport	8 mins + 2 mins qs
15:50	Public Transport during a Pandemic: A qualitative study of perceived risk of COVID-19 and risk mitigation on buses and trains.	8 mins + 2 mins qs
16:00	How has COVID-19 impacted cancer waiting times in England?	8 mins + 2 mins qs
16:10	<b>Break</b>	
16:15	<b>Social</b>	<b>Themed breakout rooms</b>

#### 4<sup>th</sup> June – Occupational epidemiology focus

<b>13:00</b>	<b>Welcome: Anna Hansell</b>	
<b>13:10</b>	<b>Keynote: Martie Van Tongeren, 'Work-related risk of Covid-19, early findings of the PROTECT project.'</b>	<b>25 mins + 10 mins discussion and qs</b>
<b>13:45</b>	<b>Break</b>	
<b>14:00</b>	<b>Session 5 – Occupational risks, from radiation to pesticides Chairs: Damien McElvenney + CO-CHAIR (TBC)</b>	
<b>14:05</b>	Quantitative Bias Analysis of the Association between Occupational Radiation Exposure and Ischaemic Heart Disease Mortality in UK Industrial Radiation Workers	10 mins + 5 mins qs
<b>14:20</b>	Cohort study assessing the carcinogenicity of styrene	Title slide + 3 slides
<b>14:25</b>	Progression of long-term conditions and employment in an urban population	Title slide + 3 slides
<b>14:30</b>	Workplace intervention that aim to improve employee health and wellbeing in male-dominated industries: A systematic review	Title slide + 3 slides
<b>14:35</b>	Questions for first three talks	5 mins qs
<b>14:40</b>	The extent of employee exposure to environmental tobacco smoke in designated smoking areas in the Dublin hospitality industry.	Title slide + 3 slides
<b>14:45</b>	Recall bias in epidemiological studies of pesticide use in the IMPRESS study	Title slide + 3 slides
<b>14:50</b>	Questions	5 mins qs
<b>14:55</b>	<b>Break</b>	
<b>15:05</b>	<b>Session 6 – COVID-19 in the workplace Chairs: Sara de Mateis + CO-CHAIR (TBC)</b>	
<b>15:10</b>	Risk factors for COVID-19 sickness absence in healthcare staff	8 mins + 2 mins qs
<b>15:20</b>	Development of a Job Exposure Matrix for work related risk factors for transmission of SARS-CoV-2	8 mins + 2 mins qs
<b>15:30</b>	Physical distancing threshold in various indoor environments	8 mins + 2 mins qs
<b>15:40</b>	An agent-based model to simulate workplace transmission of COVID-19	8 mins + 2 mins qs
<b>15:50</b>	Environmental SARS-CoV-2 in Scottish hospitals	8 mins + 2 mins qs
<b>16:00</b>	Estimating the effectiveness of interventions to reduce SARS-COV-2 transmission among health care workers in hospitals: a simulation study	8 mins + 2 mins qs
<b>16:10</b>	<b>Closing announcements Anna Hansell Sara de Mateis</b>	