

Air Pollution Statistics and Health Consequences

Monday 13th June

Mathematics Lecture Theatre, School of Mathematical Sciences
Queen Mary University of London, Mile End Road, London E1 4NS

09:00 -- 10:25 ARRIVAL, REGISTRATION, COFFEE

10:25 -- 10:30 Welcome (Christian Beck, QMUL)

10:30 – 11:00 All change please – the need to move beyond air pollution limit values (Gary Fuller, Imperial College London)

11:00 – 11:30 Beyond the mean: Investigating air pollution statistics (Benjamin Schaefer, Karlsruhe Institute of Technology)

11:30 –12:00 DISCUSSION

12:00 – 12:30 Characterizing variability and predictability for air pollutants with stochastic models (Philipp Meyer, University of Potsdam)

12:30 – 12:45 DISCUSSION

12:45 – 14:00 LUNCH

14:00 – 14:30 Modelling the effect of pollutants on airway cells—how close to reality? (Jonathan Grigg, QMUL)

14:30 – 15:00 Defining the role of oxidative stress as a mechanism of pollution-induced toxicity (Roland Wolf, University of Dundee)

15:00 – 15:15 DISCUSSION

15:15 –15:45 Improving advice for the public on high pollution days (Karen Exley, UK Health Security Agency)

15:45 – 16:00 DISCUSSION

16:00 – 16:30 COFFEE BREAK

16:30 – 17:00 Air pollution: the highs and (or?) the lows (Alison Gowers, UK Health Security Agency)

17:00 – 17:30 Health policy that responds to the science (Geraint Davies, Member of Parliament)

17:30 – 18:00 DISCUSSION

