

Workshop Program

Atmospheric Transport and Economic Valuation of Air Pollution

Mannheim, 6 – 7 July 2022

Venue: University of Mannheim, Room O 48 (Palace, East Wing)

Wednesday, 6 July 2022

12:30 – 13:10 Arrival, Registration and Snacks

13:10 – 13:30 Welcome and Introduction

13:30 – 15:00 **Matthew Neidell**, Columbia University
Overview of Research on Air Pollution in Economics
Yafang Cheng, Max Planck Institute for Chemistry, Mainz
Overview of Research on Air Pollution in Atmospheric Chemistry

15:00 – 15:30 Coffee Break

15:30 – 17:00 **Yixuan Gu**, University of Mannheim
*Sources of PM_{2.5}-associated Health Risks in Europe and
Corresponding Emission-induced Changes during 2005-2015*
Laure de Preux, Imperial College London and
Ulrich Wagner, University of Mannheim
*Measuring and Evaluating Implicit Air Pollution Trades in the
European CO₂-Permit Market*

17:15 – 19:00 Social event

19:00 Dinner

Thursday, 7 July 2022

8:30 – 10:00

Julian Reif, University of Illinois Urbana-Champaign
Pollution and Mortality in the United States: Evidence from 1972-1988

Irene Dedoussi, Delft University of Technology
Atmospheric Transport of Combustion Emissions' Air Quality Impacts

10:00 – 10:20

Coffee Break

10:20 – 11:20

Keynote I

Eloise Marais, University College London
Use of Chemical Transport Models to Motivate and Inform Air Quality Policies at Local, National and Global Scales

11:20 – 11:30

Short Break

11:30 – 12:15

Beate Thies, University of Mannheim
Air Quality and the Productivity of High-Skilled Workers: Evidence from GitHub

12.15 – 13.30

Lunch

13:30 – 15:10

Nicholas Z. Muller, Carnegie Mellon University
Integrated Assessment Models for Air Pollution: Methods, Challenges, and Applications

General discussion: Taking stock and path ahead

15:10 – 15:30

Coffee Break

15:30 – 16:30

Keynote II

Daven Henze, University of Colorado Boulder
Air Quality Modeling for Integrated Health Assessments

16:30

Adjourn