

International Workshop on Net Zero and Air Quality – Programme

Tuesday, 11 January 2022 (UK time)

08:10 - 08:20 **Prof. Zongbo Shi**

Welcome to the International Workshop on Net Zero and Air Quality

Session 1 *Chair: Dr Keding Lu*

08:20 - 09:00 **Prof. Tong Zhu**

Coordinate Air Pollution Control and Climate Change Mitigations to Maximize the co-Health Benefits

<https://youtu.be/rluUASc4kMM>

09:00 - 09:40 **Prof. Frank Kelly**

Health, Climate Change and the Air Quality challenges ahead

<https://youtu.be/q6Zw41d4Klc>

09:40 - 10:00 Break

Session 2 *Chair: Prof. Roy Harrison*

10:00 - 10:30 **Prof. Paul Monks**

Net Zero and Air Quality – A systems problem

<https://youtu.be/INKOYLh4V4s>

10:30 - 11:10 **Prof. Shu Tao**

Recent trend of Air pollution in China - A sectoral resolved emission-inventory based evaluation

<https://youtu.be/Xa1wwLldB6I>

Wednesday, 12 January 2022 (UK time)

Session 3 *Chair: Prof. Oliver Wild*

08:00 - 08:40 **Prof. Shuxiao Wang**
Air quality and health benefits under carbon neutrality policies

<https://youtu.be/iGWuvTtQ2e4>

08:40 - 09:20 **Prof. Dabo Guan**
Socioeconomic benefits of the net-zero emission transition

<https://youtu.be/2f1MNWmILLo>

09:20 - 09:40 Break

Session 4 *Chair: Dr Huan LIU*

09:40 - 10:20 **Prof. Hong Liao**
PM_{2.5} and O₃ air quality and associated health impacts in China from 2015 to 2060
under carbon neutral pathway

<https://youtu.be/gGt0WJjUv-Y>

10:20 - 11:00 **Prof. Eri Saikawa**
Climate-Smart Agriculture: Potential for Mitigating Climate Change and Air
Pollution

<https://youtu.be/v5ksRFfbpoo>

Thursday, 13 January 2022 (UK time)

Session 5 *Chair: Prof. Dominick Spracklen*

08:00 - 08:40 **Prof. Tzung-May Fu**

Sensitivities of Ozone Air Pollution in the Beijing–Tianjin–Hebei Area to Local and Upwind Precursor Emissions Using Adjoint Modelling

<https://youtu.be/K9gM5a7gAtM>

08:40 - 09:20 **Prof. Ally Lewis**

Adoption of hydrogen as a fuel - potential impacts on air quality

<https://youtu.be/zLDC3FDAe1g>

09:20 - 09:40 Break

Session 6 *Chair: Dr Miranda Loh*

09:40 - 10:20 **Prof. Paul Wilkinson**

Risks and benefits of climate actions

https://youtu.be/v203XH_WSKQ

10:20 - 11:00 **Prof. Ruth Doherty**

Future Climate and Emissions impacts on Air Quality as we head towards Net Zero

<https://youtu.be/xx0R5RcqCtE>