



6<sup>th</sup> Annual Meeting of the  
Australia-China Centre for Air Quality Science and Management

Venue: ZOOM Meeting ID: 4520552163 (links: <https://zoom.com.cn/j/4520552163>, password: 202011)

Beijing Time, UTC+8

## Program

**09:00 am – 12:00 pm, Tuesday, 24<sup>th</sup> November 2020**

**Theme:** Source, Formation Mechanism and Control Strategy of Complex Air Pollution

**09:00 – 09:20**

### Address

- 09:00 – 09:05 Hong Zhang (Vice President of Jinan University)  
09:05 – 09:15 Lidia Morawska (Co-Director of ACC-AQSM)  
09:15 – 09:20 Zoran Ristovski (Head of JNU-QUT Joint Lab)

**09:20 – 10:40**

### **SESSION 1:** Formation mechanisms of complex air pollution

**Chair: Shaw Chen Liu / Jianmin Chen**

#### *Presentations*

- 09:20 – 09:30 *Formation mechanisms of Air complex pollution*  
**Professor Tong Zhu:** Dean  
College of Environmental Sciences and Engineering  
Peking University
- 09:30 – 09:40 *Formation of sulfate via particulate nitrate photolysis*  
**Professor Chak K. Chan:** Dean and Chair Professor of Atmospheric Environment  
School of Energy and Environment  
City University of Hong Kong
- 09:40 – 09:50 *Formation mechanisms and control strategies of ozone*  
**Professor Min Shao:** Dean  
Institute for Environment and Climate Research  
Jinan University
- 09:50 – 10:00 *An observation-based perspective of winter haze days in four major polluted regions of China*  
**Professor Shaw Chen Liu:** Academician, Honorary Dean  
Institute for Environment and Climate Research  
Jinan University

<b>10:00 – 10:10</b>	<p><i>Formation of heavy haze in China</i></p> <p><b>Professor Jianmin Chen:</b> Director Shanghai Key Laboratory of Atmospheric Particle Pollution and Prevention Department of Environmental Science &amp; Engineering Fudan University</p>
<b><u>10:10 – 10:30</u></b>	<i>Questions and discussions</i>
<b><u>10:30 – 10:40</u></b>	<i>Break</i>
<b><u>10:40 – 11:40</u></b>	<p><b><u>SESSION2:</u> Source and Control Strategy of Complex Air Pollution</b></p> <p style="text-align: right;"><b>Chair: Qingyan Fu/ Lina Wang</b></p> <p><i>Presentations</i></p>
<b>10:40 – 10:50</b>	<p><i>Freight structural change in China and its environmental Impacts</i></p> <p><b>Professor Huan Liu:</b> School of Environmental Engineering Tsinghua University</p>
<b>10:50 – 11:00</b>	<p><i>Emissions estimation of intermediate volatility organic compounds and the impacts on SOA simulation over the Yangtze River Delta Region</i></p> <p><b>Professor Ly Li:</b> School of Environmental and Chemical Engineering Shanghai University</p>
<b>11:00 – 11:10</b>	<p><i>Control Strategy of VOCs in China</i></p> <p><b>Professor Guangli Xiu:</b> Dean School of Resource and Environmental Engineering East China University of Science and Technology</p>
<b>11:10 – 11:20</b>	<p><i>Collaborative control of PM<sub>2.5</sub> and O<sub>3</sub> in Pearl River Delta</i></p> <p><b>Professor Junyu (Allen) Zheng:</b> Deputy Dean, Institute for Environment and Climate Research (ECI) Jinan University (JNU)</p>
<b>11:20 – 11:30</b>	<p><i>Source and Light Absorption Ability of Brown Carbon in Urban Atmosphere of Shanghai</i></p> <p><b>Professor Lina Wang,</b> Department of Environmental Science &amp; Engineering Fudan University</p>
<b>11:30 – 11:40</b>	<p><i>Will reducing traffic flow significantly improve local air quality?</i></p> <p><b>Professor Keith Ngan:</b> School of Energy and Environment City University of Hong Kong</p>
<b><u>11:40 – 12:00</u></b>	<i>Questions and discussions</i>

**09:00 am – 12:00 pm Wednesday, 25<sup>th</sup> November 2020**

**Theme:** Atmospheric Measurement and Simulation

**09:00 – 09:10**

**Address**

Lidia Morawska (Co-Director of ACC-AQSM)

**09:10 – 10:40**

**SESSION 1: Atmospheric Measurement**

**Chair: Zoran Ristovski / Jian Gao**

*Presentations*

**09:10 – 09:20**

*(title TBC)*

**Professor Lidia Morawska:** Academician, Director

International Laboratory for Air Quality and Health  
Science and Engineering Faculty  
Queensland University of Technology

**09:20 – 09:30**

*Real time Reactive Oxygen Species measurements in Chinese cities*

**Professor Zoran Ristovski:** Dean

School of Earth and Atmospheric Sciences  
Science and Engineering Faculty  
Queensland University of Technology

**09:30 – 09:40**

*Development on the systematic air quality monitoring network for Air Quality Management on Mega-Event in Shanghai*

**Professor Qingyan Fu:** Shanghai Academy of Environmental Sciences

**09:40 – 09:50**

*(title TBC)*

**Professor Jian Gao:** Chinese Research Academy of Environmental Science

**09:50 – 10:00**

*Application of Satellite in Monitoring Atmospheric Environment - Haze and Dust Aerosols*

**Professor Zhengqiang Li:** Aerospace Information Research Institute  
Chinese Academy of Sciences

**10:00 – 10:10**

*Molecular characterization and dynamic source apportionment of indoor organic aerosols in a typical residential apartment in Hong Kong*

**Dr. Xiaopu Lv:** Department of Civil and Environmental Engineering  
The Hong Kong Polytechnic University

**10:10 – 10:20**

*Three years of KOALA monitoring in the Asia-Pacific region*

**Dr. Bryce Christensen:** International Laboratory for Air Quality and Health  
Queensland University of Technology

10:20 – 10:40      *Questions and discussions*

10:40 – 10:50      *Break*

10:50 – 12:00      **SESSION 2: Atmospheric Simulation**

**Chair: Xinming Wang / Pengfei Yu**

*Presentations*

**10:50 – 11:00**      *Smog Chamber Studies on formation mechanisms of PM<sub>2.5</sub> and O<sub>3</sub> (title TBC)*  
**Professor Xinming Wang:** Guangzhou Institute of Geochemistry  
Chinese Academy of Sciences

**11:00 – 11:10**      *Emissions of semi-volatile and intermediate volatility organic compounds in China and their contributions to secondary organic aerosol*  
**Professor Xuemei Wang:** Deputy Dean  
Institute for Environment and Climate Research  
Jinan University

**11:10 – 11:20**      *Modeling of Asian tropopause aerosol layer*  
**Professor Pengfei Yu:** Institute for Environment and Climate Research  
Jinan University

**11:20 – 11:30**      *Dispersion of cooking-generated aerosols from an urban street canyon*  
**TBC:** School of Energy and Environment  
City University of Hong Kong

**11:30 – 11:40**      *(title TBC)*  
**Dr. Zhijiong Huang:** Institute for Environment and Climate Research  
Jinan University

11:40 – 12:00      *Questions and discussions*

12:00              *Closing*