



**3rd Annual Meeting of the
Australia-China Centre for Air Quality Science and Management**

Saturday, 4 November – Sunday, 5 November 2017

**Venue: Chinese Research Academy of Environmental Sciences,
No. 8, Dayangfang, Anwai Beiyuan, Chaoyang, Beijing
中国环境科学研究院, 北京朝阳区安外北苑大羊坊 8 号**

Program

Saturday, 4 November (Meeting Room 1)

- 9:00 AM-9:30AM* *REGISTRATION & TEA / COFFEE ON ARRIVAL*
- 9:30 am-10:00am** **Official Opening by the CRAES Director**
- 10:00am-10:30pm** **SESSION 1: Introduction: ACC-AQSM progress over the past year**
Co-Directors: Lidia Morawska (QUT), Fahe Chai (CRAES), Chris Chao (HKUST)
- 10:30am-12:00pm** **SESSION 2: Big Question 1: From the past to the future: sources of air pollution in China.** (How data from the monitoring stations, supersites and satellites enable quantitative understanding of the source emission trends which occurred, and what is the forecast for the future).
Co-Leaders: Jianmin Chen (FDU), Hai Guo (HK PolyU), Qingyan (Jackie) Fu (SEMC), Jinhan Mo (TU), Shuxiao Wang (TU)
- 12:00pm-1:30pm* *LUNCH*
- 1:30pm- 3:00pm** **SESSION 3: Big Question 2: Shipping and aircraft emissions: the main anthropogenic sources of the future?** (Shipping and aircraft technologies are very far behind as it comes to lowering emissions, are already emerging as major contributor to air pollution, and their impact is set to grow).
Co-Leaders: Huan Liu (TU), Zoran Ristovski (QUT), Xin Yang (FDU), Shuiyuan Cheng (Beijing University of Technology)
- 3:00pm- 4:30pm** **SESSION 4: Big Question 3: Haze: do we understand its mechanisms?** (There have been numerous studies on haze over China, but it is not only a Chinese phenomenon, with haze frequently blanketing the whole of the Asian continent, as well as many parts of Europe. How advanced is science of haze formation and what is missing?)
Co-Leaders: Tong Zhu (PKU), Min Hu (PKU), Lin Wang (FDU), Lina Wang (ECUST), Zoran Ristovski (QUT)
- 4:30pm-5:00pm* *TEA BREAK*
- 5:00pm-6:30pm** **SESSION 5: Big Question 4: Ozone: the growing threat and how to control it.** (While emissions and concentrations of some of the primary pollutants have declined, however, not necessarily of the precursors for ozone formation, originating from biomass or industrial emissions. Increasing ozone concentration has been seen in China and elsewhere: do we fully understand its mechanisms?)
Co-Leaders: Tao Wang (HK PolyU), Guangli Xiu (ECUST), Melita Keywood (CSIRO), Hai Guo (HK PolyU)
- 6:30pm-* *DINNER*

Sunday, 5 November (Meeting Room 1)

9:00am-10:30am **SESSION 6: Big Question 5: Sensors: the technology of the future or a passing trend?** (Networks of low cost sensors have been mushrooming around the world, with over 30 thousand of sensors operating in China alone. Are the data they generate contributing to new knowledge, and will they constitute an intrinsic part of future smart and healthy cities?)
Co-Leaders: Lidia Morawska (QUT), Jian Go (CRAES), Zoran Ristovski (QUT), Christopher Chao (HKUST), Zhi Ning (HK CityU)

10:30am-11:00am *TEA BREAK*

11:00am-12:30pm **SESSION 7: Big Question 6: Indoor air: a neglected element in the puzzle of the quest for clean air?** (Global urbanization means that indoors is the main human habitat. Yet, it is far less understood than outdoor air, and ever-changing with new approaches to energy conservation, new products and evolving building biome. How will future urban and building designs ensure that indoor air is healthy?)
Co-Leaders: Wei Huang (PKU BJMU), Maosheng Yau (PKU), Frank Shun-Cheng Lee (HK PolyU), Krassi Rumchev (CU), Yinping Zhang (TU), Ying Xu (U. Austin)

12:30pm-1:30pm *LUNCH*

1:30pm-2:30pm **SESSION 8: Sponsors Session**
Sponsor 1: **Debbie Black (Elanra Medical) – TBC**
Sponsor 2: TBC
Sponsor 3: TBC
Sponsor 4: TBC
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2:30pm-4:30pm **SESSION 9: Big Question 7: The dawn of the new reality: clean air over China?** (The past few years have witnessed a significant change in the approach to air quality management in China. Is, what has been done, a model for other emerging economies, and sufficient for clearing air over China in the foreseeable future – and thus protecting health and halting broader global environmental impacts?)
Co-Leaders: Ly Li (SAES), Xiaopeng Jiang (WHO China), Yuguo Li (HKU), Haidong Khan (FDU), Shuxiao Wang (TU), Fan Meng (CRAES)

Overview of plans for next year