



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

Tuesday, 1 December – Wednesday, 2 December 2015

*Venue: Queensland University of Technology, Gardens Point Campus, 2 George Street, Brisbane,
Queensland, Australia*

Program

Tuesday, 1 December 2015 (Gibson Room, Z Block, Level 10, Room 1064)

8:30am-10:00am

SESSION 1: Opening and Introduction

Welcome

Professor Ian Mackinnon, Executive Director, Institute for Future Environments, QUT

Opening addresses

Professor Scott Sheppard, DVC (International & Development), QUT

Dr Christine Williams, Assistant Director-General, Science Division, Department of Science, Information Technology and Innovation

Dr Yongchen Zhao, The Consul General of the Peoples Republic of China in Brisbane

Professor Lidia Morawska, Director – Australia of the ACC - AQSM, and Director of the ILAQH, QUT

Dr Jian Gao, Secretary General – China of the ACC - AQSM, Chinese Research Academy of Environmental Sciences

Keynote addresses: Air Quality, current and emerging challenges

Professor Jiming Hao, Dean, Institute of Environmental Sciences and Engineering, Tsinghua University

Professor Jianmin Chen, Department of Environmental Science and Engineering, Fudan University

Professor Tong Zhu, College of Environmental Science and Engineering, Peking University

Dr Melita Keywood, Stream Leader, Aerosol Science and Climate Change, CSIRO

**Signing of the Addendum with Curtin University, new ACC-AQSM Member*

10:00am-10:30am

GROUP PHOTO AND TEA BREAK

10:30am-12:00pm

SESSION 2: Theme 1: Source Characterisation and Emissions

Overview of the Theme activities

Zoran Ristovski (QUT), Xin Yue (CRAES), Frank Shun-cheng Lee (HK PoluU)

Projects

- 1. Cooking Emissions: Lina Wang (ECUST), Hongli Wang (SAE), Jun Gao (Tongji U), Svetlana Stevanovic (QUT), Zoran Ristovski (QUT)*
- 2. Real time Measurements of ROS: Svetlana Stevanovic (QUT), Zhi Ning (HK CityU)*
- 3. Contribution of Primary Sources (Traffic, Biomass Burning) to SOA formation: Li Hong (CRAES) – TBA*

4. Shanghai Workshop: outcomes and proposed activities. *Jianmin Chen (FUD), Lina Wang (ECUST), Lidia Morawska (QUT)*
5. Assessment of Air Pollution Exposure during Construction Work: Towards the Improvement of Dust Control and Management in the Construction Industry. *Bo Xia (QUT), Geoffrey Shen (HK PolyU), Martin Skitmor (QUT), Dongping FANG (TU), Robin Drogemuller (QUT), Dezhi LI (Southeast University), Lidia Morawska (QUT), Congrong He (QUT)*

12:00pm-1:30pm

LUNCH

1:30pm-3:00pm

SESSION 3: Theme 2: Dynamics, Processes and Atmospheric Impacts

Overview of the Theme activities

Tao Wang, (HK PTU), Melita Keywood (CSIRO), Fan Meng (CRAES)

Projects

6. New particle formation in Beijing air – winter campaign, measurements and modelling. *Jian Gao (CRAES), Rohan Jayaratne (QUT), Buddhi Pushpawela (QUT), Min Hu (PKU), Melita Keywood (CSIRO), Congrong He (QUT)*
7. Yangtze River Campaign. *Jianmin Chen (FUD), Rohan Jayaratne (QUT)*
8. Impact of autumn agricultural burning on air quality in Beijing. *Jian Gao (CRAES), Congrong He (QUT)*
9. Application of the camera for atmospheric PM measurements. *Lidia Morawska (QUT), Rohan Jayaratne (QUT), Jian Gao (CRAES), Lina Wang (ECUST), Md Mahmudur Rahman (QUT)*
10. Sensor Intercomparison. *Jian Gao (CRAES), Shuxiao Wang (TU), Lidia Morawska (QUT), Phong Thai (QUT), Mandana Mazaheri (QUT), Christhina Candido (USyd)*

3:00pm-3:30pm

TEA BREAK

3:30pm-5:00pm

SESSION 4: Theme 3: Exposure, Health Effects & Wellbeing

Overview of the Theme activities

Lidia Morawska (QUT), Zhu Tong (PKU), Peter Brimblecombe (HK CityU)

Projects

11. Children personal exposure to UFP in Beijing: *Zhu Tong (PKU), Lidia Morawska (QUT), Mandana Mazaheri (QUT)*
12. Temperature, air quality and health effects: *Haidong Kan (FDU), Adrian Barnett (QUT), Lidia Morawska (QUT), Phong Thai (QUT), Yuming Guo (UQ)*
13. Epidemiology: *Ben Mullins (CU), Jing (Peter) Ming (CMA)*
14. Environmental pollution and adverse birth outcomes: *Gunther Paul (QUT), Guanghui Dong (SYSU), Lidia Morawska (QUT)*

6:30pm-

***DINNER – Mt Coot-Tha Botanical Café, 152 Mount Coot-Tha, QLD
Ph: (07) 3371 6685***

Wednesday, 2 December 2015 (P Block, Level 5, Room 512)

9:00am-10:30am

SESSION 5: Plenary Session

*Join grant application
STOTEN SI*

10:30am-11:00am

TEA BREAK

11:00am-12:30pm

SESSION 6: Overview of plans for next year

12:30pm-1:30pm

LUNCH AT QUT

1:30pm-

Transfer to Dutton Park for the DSITI Workshop

Queensland-China Air Quality Workshop

Hosted by Department of Science, Information Technology and Innovation

Venue: Seminar Room G.A 604, Ground Floor, Ecosciences Precinct,
41 Boggo Road, Brisbane, Queensland

Wednesday, 2 December 2015

SESSION 7:

Air Quality Legislation – How Queensland / Australia Manages Air Quality

Master of Ceremonies: Dr David Wainwright, Director, Air Quality Sciences, Environmental Monitoring and Assessment Sciences, Department of Science, Information Technology and Innovation (DSITI)

2:00pm-2:05pm

Welcome and Introduction

Dr. David Wainwright

2:05pm-2:10pm

Opening Remarks

Dr. Mark Jacobs, Executive Director, Science Delivery, Science Division, DSITI

2:10pm-2:25pm

Air Quality in China and Government Policy

Professor Jiming Hao, Board Chair of the ACC-AQSM for China, Dean of the Institute of Environmental Sciences and Engineering, Tsinghua University

2:25pm-2:40pm

Role of Commonwealth and Queensland Governments

Dr Faiz Khan, Chief Scientist, Air and Chemical Policy, Environmental Policy and Planning, Department of Environment and Heritage Protection

2:40pm-2:55pm

Local Government Experience – Brisbane City Council

Frank Henry, Manager, EMS and Pollution Control Team
Abbie Brooke and Barbara Downs, Senior Program Officers for Air Quality Natural Environment, Water & Sustainability Branch, Brisbane City Council

2:55pm-3:10pm

Questions and Answers

3:10pm-3:25pm

AFTERNOON TEA

SESSION 8:

Sharing Experiences and Looking for Solutions

Master of Ceremonies: Professor Lidia Morawska, Director, International Laboratory for Air Quality and Health (WHO CC for Air Quality and Health).
Director – Australia, ACC – AQSM

3:25pm-3:30pm

Introduction

Professor Lidia Morawska

3:30pm-4:00pm
(including Q&A)

Air Quality Planning and Management in China

Dr Jian Gao, Secretary General ACC-AQSM – China, Chinese Research Academy of Environment Sciences

Modelling system for Air Quality Management of Industrial areas

Simon Welchman, Director, Katestone

4:00pm-4:30pm
(including Q&A)

Volatile Organic Compounds in Hong Kong: Sources, Contribution to Ozone Formation and Control Strategies

Professor Hai Guo, Executive Committee ACC-AQSM, Department of Civil and Environmental Engineering, Hong Kong Polytechnic University

Group Instrumentation – Emission Measurement Systems

Frank Silberberg, Owner/Sales and Services, Group Instrumentation

4:30pm-5:00pm
(including Q&A)

Impact of Air Pollution Prevention and Control on Spatial Distribution and Structure of Energy Utilisation in China

Associate Professor Jiayu Xu, Air Pollution and Control, School of Environment, Tsinghua University

Quality Assurance System for Air Quality Monitoring Networks

Bernard Van Zyl, Sales Manager, Eastern Australia, Ecotech Pty Ltd

5:00pm-5:15pm

Discussion

Thursday, 3 December 2015

*** *Moreton Island Field Trip***