

**“International Summer School on Air Pollution Monitoring and Forecast:
Space Observations and Air Quality”**

School of Atmospheric Sciences (SAS),
Sun Yat-sen University, Guangzhou, China

4-8 July 2016

Sunday, 3th July:	
Registration, Arrival of the participants and icebreaker in the evening	
Monday, 4th July:	
08:00-08:30:	Welcome
08:30-9:30	General presentation on the PANDA Project Guy Brasseur, MPI-Met
9:30-10:00:	Coffee break and Group photo
10:00-11:15:	Air quality policy Kebin He, Tsinghua U.
11:15-12:30:	Distribution and control of atmospheric PM2.5 in China Junji Cao, Institute of Earth Environment, CAS, Xi'an, China
12:30-13:30;	Lunch
13:30-14:45:	Ground-level ozone , a story of nonlinearity Min Shao, Peking University
14:45-15:00:	Coffee break
15:00-16:15:	Air quality policy Michael Gauss, Met NO
16:15-17:45:	Round table discussions (students should prepare the results of discussions as ppt and present them on the last day)需要再借 1204 课室
18:00:	Dinner
Tuesday, 5th, July:	
09:00-10:15:	Theory of Retrieval Methods Annette Ladstaetter-Weissenmayer, U. of Bremen
10:15-10:30:	Coffee break
10:30-11:45:	Air quality studies by optical remote sensing Pinghua Xie, Anhui Institute of Optics and fine mechanics, CAS

12:00-13:00:	Lunch
13:30-14:45:	The application of satellite atmospheric composition products on haze observation in China Xingying Zhang, National Satellite Meteorological Centre (NSMC)
15:00-18:00:	Visit Guangdong Satellite center
18:30-19:30:	Dinner
19:30-21:00	Poster presentation
Wednesday, 6th, July:	
09:00-10:15:	Inversion of sources and applications to reactive gases Jenny Stavrakou, Belgian Aeronomy Institute
10:15-10:30:	Coffee break
10:30-11:45:	Improving air quality predictions through data assimilation Greg Carmichael, U. Iowa
12:00-13:00:	Lunch
13:00:	Departure for visiting supersite
13:00-18:00	Visit of the super site
18:00-19:30	Dinner
Thursday, 7th, July:	
09:00-10:15:	Examples of space systems and the use of their data for air quality studies Cathy Clerbaux, LATMOS/CNRS
10:15-10:30:	Coffee break
10:30-11:45:	Field Measurements and Data Analysis for haze source apportionment Yuesi Wang, CAS/IAP
12:00-13:00:	Lunch
13:30-14:45:	Combination of space and in-situ observations Andreas Wahner, ForschungszentrumJuelich, Jülich
14:45-15:00:	Coffee break
15:00-16:15:	Student's presentations about their work Part I
16:15-18:00:	Student's presentations about their work Part II
18:00-20:00:	Dinner
Friday, 8th, July:	
09:00-10:15:	Emissions for modeling and air quality forecasting at the global scale Tierno Doumbia, CNRS

10:15-10:30:	Coffee break
10:30-11:45:	Understanding anthropogenic emissions over China: Bottom-up estimates and top-down constraints Qiang Zhang, Tsinghua University
12:00-13:00:	Lunch
13:30-14:45	Operational air quality forecasting in Yangtz River Delta region Ying Xie, Shanghai Meteorological Service/ Shanghai center for environmental meteorology
14:45-15:00:	Coffee break
15:00-16:00	Air Quality and Urban simulation in the Pearl River Delta Region Xuemei Wang
16:00-18:00	Final discussions with presentations of the group discussions by the students
18:00-18:30	Conclusions and Group photo
18:30	Dinner
Saturday, 9th, July:	
Departure	