

Summer school
“International workshop of air pollution monitoring and forecast for students”
----Space Observations and Air Quality

4-8 July 2016

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

Location: The First Teaching Building SYSU (中山大学第一教学楼)

Sunday, 3th July:	
9:00-17:30	Arrival of the participants
18:00-20:00	Icebreaker (Nancaoping Restaurant 南草坪餐厅)
Monday, 4th July: Classroom 1208	
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 Pollution Control in China: Progress and Perspective Kebin He, Tsinghua U.
11:15-12:30:	Air quality policy Michael Gauss, Met NO
12:30-13:30;	Lunch (Nancaoping Restaurant 南草坪餐厅)
13:30-14:45:	The VOC reactivity and ground-level ozone formation Min Shao, Peking University
14:45-15:00:	Coffee break
15:00-16:15:	Distribution and control of atmospheric PM2.5 in China Junji Cao, Institute of Earth Environment, CAS, Xi'an, China
16:15-17:45:	Round table discussions I (students should prepare the results of discussions as ppt and present them on the last day)
18:00:	Dinner (Nancaoping Restaurant 南草坪餐厅)
Tuesday, 5th, July: Classroom 1208	
09:00-10:15:	Theory of Retrieval Methods Annette Ladstaetter-Weissenmayer, U. of Bremen
10:15-10:30:	Coffee break
10:30-11:45:	Optical Spectroscopic Techniques and Their Applications in Air Pollution Monitoring

	Pinghua Xie, Anhui Institute of Optics and fine mechanics, CAS
12:00-13:00:	Lunch (Nancaoping Restaurant 南草坪餐厅)
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 Guangzhou Meteorological Satellite Station, China Meteorological Administration
18:30-19:30:	Dinner (Nancaoping Restaurant 南草坪餐厅)
19:30-21:00	Poster presentation
Wednesday, 6th, July: Classroom 1208	
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:	Round table discussions II (students should prepare the results of discussions as ppt and present them on the last day)
12:00-13:00:	Lunch (Nancaoping Restaurant 南草坪餐厅)
13:00:	Departure for visiting supersite
13:00-18:00	Visit of the super site
18:00-19:30	Dinner (Nancaoping Restaurant 南草坪餐厅)
Thursday, 7th, July: Classroom 1208	
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 (Nancaoping Restaurant 南草坪餐厅)
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 (Zijingyuan Restaurant 紫荆园餐厅)

Friday, 8th, July: Classroom 1208	
09:00-10:15:	Emissions for modeling and air quality forecasting 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 (Nancaoping Restaurant 南草坪餐厅)
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 (Nancaoping Restaurant 南草坪餐厅)
Saturday, 9th, July:	
Departure	

Campus Map for PANDA summer school participants

Contact Person: Ms. Zhou Liuyi
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1. First Teaching Building(第一教学楼)



2. Zijingyuan Hotel (紫荆园)



3. Nancaoping Hall (南草坪餐厅)



4. Wing Kwong Hall (荣光堂)



5. Xueren Hall (学人馆)



6. Dihuan Building (地环大楼)



7. North Gate Square (北门)



8. South Gate of SYSU (南门)

