

International Workshop on Chemistry Climate Interaction [IWCCI], 12-15, March 2019

Indian Institute of Tropical Meteorology, Meghdoot Hall, Pune

Program Agenda (tentative)

Day 1: 12.03.2019, Tuesday

8:30: Registration of participants

9:00: Inauguration

9:10: Welcome address by the Director, IITM

Session 1: Session chair: Dr. Gabriele Pfister (NCAR)

Time	Speaker	Topic
9:30-10:15	Dr. Guy Brasseur (NCAR,USA)	SKYPE: History of chemistry-climate interactions in Earth System models
10:15-11:00	Dr. R. Krishnan (IITM)	Understanding the Indian monsoon behavior in a changing climate using the IITM Earth System Model
11:00-11:30	Refreshment break	
11:30-12:15	Dr. K. Krishnamoorthy (IISC)	Why still Aerosol-Climate Research
12:15-1:15	Lunch	

Session 2: Session chair: Dr. G. Carmichael (University of Iowa)

1:30-2:15	Dr. John P. Burrows (University of Bremen)	SKYPE:
2:10-2:45	Gabriel Pfister (NCAR,USA)	Challenges of modelling Atmospheric Chemistry in the context of using observations to assess model representations of meteorology and chemistry
2:45-3:30	Dr. Vinayak Sinha (IISER, Mohali)	Impact of fire emissions on ambient atmospheric reactivity and chemistry-air quality-climate interactions

3:30-4:00	Refreshment break	
4:00-4:45	Dr. Rajesh Kumar (NCAR, USA)	Present and future air quality in context of climate change.
4:45-5:30	Dr. Suvarna Phadnavis (IITM)	Linkages of Asian summer monsoon and chemistry-Climate interaction
5:30	Prof. Ravishankara (CSU, USA)	SKYPE: Contributions of aerosols (PM) and ozone to climate change and air quality: Their manifestations over India
7:00-8:00	iLEAPS Early Career Scientists Side meeting Dr. Vinayak Sinha and Dr. Pallavi Saxena (Hindu College, University of Delhi)	
Day 2: 13.03.2019, Wednesday		
Session 1: Session chair: Dr. Mary Barth (NCAR)		
Time	Speaker	Topic
9:30-10:15	Prof. Alex Guenther (Univ. Of California)	SKYPE: The role of biogenic VOC in air quality and climate
10:15-11:00	Dr. Gufran Beig (IITM)	National Atmospheric Chemistry Program: MoES New Initiative
11:00-11:30	Refreshment break	
11:30-12:15	Dr. G. Carmichael (University of Iowa)	
12:15-1:00	Dr. Rajib Chattopadhyay (IITM)	Tropical-Subtropical transport in the upper troposphere and monsoon sub-seasonal variability: some new perspectives
1:00-2:00	Lunch	
Session 2: Session chair: Dr. Gufran Beig (IITM)		

2:00-2:45	Dr. Sachin Gunthe (IIT-Chennai)	Atmospheric Aerosols and Trace Gases in Indian perspective: Climate and Ecosystem Health interaction
2:45-3:30	Dr. Anupam Hazra (IITM)	Impact of Cloud-Aerosol-Dynamics Interactions on Indian Summer Monsoon.
3:30-4:00	Refreshment break	
4:00-4:45	Dr. Subodh Saha (IITM)	Predictability of Indian Summer Monsoon
4:45-5:30	Dr. Suresh babu (SPL, VSSC)	Dust over India
7:30 PM- onwards	Conference Dinner	

Day 3: 14.03.2019, Thursday

Session 1: Session chair: Dr. Suvarna Phadnavis (IITM)

Time	Speaker	Topic
9:30-10:15	Dr. Mary Barth (NCAR, USA)	Modeling Tropospheric Chemistry and future Air Quality and modeling at NCAR
10:15-11:00	Dr. John. P. George (NCMRWF)	Dust aerosol forecasting and assimilation at NCMRWF
11:00-11:30	Refreshment break	
11:30-12:15	Dr. Dilip Ganguly (IIT-Delhi)	Towards improving the simulation of aerosols over the Indian region in a climate model for better understanding of chemistry-climate interactions
12:15-1:00	Dr. Anoop Mahajan (IITM)	Ocean biogeochemical control on atmospheric chemistry
1:00-2:00	Lunch	

Session 2: Session chair: Dr. Rajesh Kumar (NCAR)

2:00-2:45	Dr. Pawel Misztal (University of California, Berkeley)	SKYPE: Interactions of biogenics with anthropogenic
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2:45-3:30	Dr. V. Vinoj (IIT-Bhuvaneshwar)	The complex Interplay between the natural and anthropogenic aerosols on weather and climate over the Indian region
3:30-4:00	Refreshment break	
4:00-4:45	Dr. Shyam Lal (PRL)	Greenhouse gases over the Indian region.
4:45-5:30	Dr. Sachin Ghude (IITM)	AQEWS and WiFEX: MoES new Initiative
Day 4: 15.03.2019, Friday (TRAINING)		
Time	Speaker	Topic
9:30-10:15	Dr. Neeraj Rastogi (PRL)	Brown Carbon Aerosol: Measurements and Climatic Implications
10:15-11:00	Dr. Gabriel Pfister (NCAR)	Training on WRF-Chem/CAM-Chem/Software-Visualization Tools/Data Assimilation
11:00-11:15	Refreshment break	
11:15-12:00	Dr. Mary Barth (NCAR)	
12:00-12:45	Dr. Rajesh Kumar (NCAR)	
12:45-2:00	Lunch	
2:00-3:30	Project presentations by participants	
3:30-4:00	Refreshment break	
4:00-5:30	Panel Discussions	