

IISc-Dutch Joint workshop on Climate Science

Venue: Divecha Centre Conference Room

Indian Institute of Science, Bangalore

(September 18, 2017)

The Schedule:

Time	Activity	
9.00-9.30AM	<i>Registration</i>	
9.30- 11.15AM	Opening session	<p>9.30-9.40: Welcome address by</p> <ul style="list-style-type: none"> • Office of International Relations (OIR) representative • Chair, Centre for Atmospheric and Oceanic Sciences (CAOS) • Chair, Divecha Centre for Climate Change (DCCC)
	Technical Session 1	<p>9.40-10.10: Prof. Herman Russchenberg</p> <ul style="list-style-type: none"> • Climate Institute Delft University of Technology • Remote sensing of extreme precipitation • Remote sensing of clouds and aerosols
		<p>10.10-10.25: Prof. Debasis Sengupta</p> <ul style="list-style-type: none"> • Tropical climate variability
		<p>10.25-10.55: Prof. Arnoud Apituley</p> <ul style="list-style-type: none"> • Status of the TROPOMI - Sentinel 5P instrument • Overview of the Second Cabauw Intercomparison for Nitrogen Dioxide Measuring Instruments (CINDI-2) • Approaches for satellite and model validation using the CESAR Observatory
		<p>10.55-11.10: Prof. Jaywant Arakeri</p> <ul style="list-style-type: none"> • Moist axially homogeneous turbulent convection in a vertical tube. Effect of turbulence on droplet formation and growth
11.10- 11.30AM	<i>Tea break</i>	
11.30AM– 1.00PM	Technical Session 2	<p>11.30-12.00: Prof. Pier Siebesma</p> <ul style="list-style-type: none"> • Extreme Precipitation in a Warming Climate • Impact of aerosol and clouds on decadal trends in all sky radiation over the Netherlands over the last 50 years • High resolution atmospheric modeling on the sub-kilometer scale: Challenges and Opportunities

11.30AM– 1.00PM	Technical Session 2	12.00-12.15: Prof. Sekhar Muddu <ul style="list-style-type: none"> • Groundwater systems in India and impacts of climate
		12.15-12.30: Prof. Merle de Kreuk <ul style="list-style-type: none"> • Local treatment of sewage and water reuse: saving drains for fresh stormwater discharge
		12.30-12.45: Prof. Govindsamy Bala <ul style="list-style-type: none"> • The Science of Climate Change: An Earth System Modelling Approach
		12.45-1.00: Prof. Prosenjit Ghosh <ul style="list-style-type: none"> • Green house monitoring
1.00-2.00PM	<i>Lunch @ IISc Main Guest House</i>	
2.00-3.30PM	Technical Session 3	2.00-2.30: Dr. Bas Mijling <ul style="list-style-type: none"> • Air quality modelling and forecasting • Air pollutant emission estimation for India from space • Applicability of low-cost sensors in urban air quality monitoring networks
		2.30-2.45: Prof. S.K. Satheesh <ul style="list-style-type: none"> • Climate Implications of Elevated Aerosol Layers over India
		2.45: 3.15: Prof. Jordi Vila-Guerau de Arellano <ul style="list-style-type: none"> • Understanding and representing scale interactions and fine spatiotemporal processes in Weather and Climate • Understanding and representing scale interactions and fine spatiotemporal processes in Air Quality
		3.15-3.30: Prof. G.S. Bhat <ul style="list-style-type: none"> • Observations of Clouds and Boundary Layer
3.30-4.00PM	<i>Tea break</i>	
4.00-5.30PM	Session 4	4.00-5.15: Discussions and wrap up
		5.15-5.30: Vote of thanks (OIR)