

10th INTERNATIONAL CONFERENCE | FOG, FOG COLLECTION & DEW

22–26 September 2026 | Indian Institute of Tropical Meteorology (IITM), Pune, India

Monday, 21 September 2026

Time	Programme / Presenter	Venue
16:30–17:30	Registration and Badge Collection	Meghdoot Lobby
18:00 Onwards	Ice-breaker	24k, SB Road, Pune

Day 1 — Tuesday, 22 September 2026

Time	Programme / Presenter	Venue
09:00-10:00	Registration and Badge Collection	Meghdoot Lobby
10:00–11:00	Inauguration Ceremony • Welcome Address by the Local Committee Chair • Felicitation of the Invited Delegates • Lighting of the Lamp • Remarks by the Director, IITM • Address by the SSC Chair • Address by the Guest of Honour • Address by the Chief Guest • About Prof. Otto Klemm	Meghdoot
11:00–11:30	Featured Talk - Dr Kerstin Klemm “You Are the Fog Man” (Session chairs: Dr Genki Katata and Prof. Lixin Wang)	Meghdoot
11:30-12:00	Tea Break	Meghdoot Lobby
12:05-12:35	Arunachalam S.V (COO GMR) - Aviation Weather Management and Airport Operations under Low-Visibility Conditions - GMR, New Delhi	Meghdoot
	SESSION 1: Fog and Dew Physics (Session chairs: Dr Genki Katata and Prof. Jan Cermak)	Meghdoot
12:40–12:55	Suryadev Pratap Singh — High-Resolution Modelling of Radiative-Microphysical Interactions in fog using a One-Dimensional Turbulence Model	Meghdoot
12:55-13:10	Yue-chao Jiang - Foehn-Driven Stratus-to-fog transition under Northerly Winds off the west coast.	Online
13:10–13:25	Yue Li — El Niño Intensified Fog Formation in the Namib Desert	Online
13:25–13:40	Caleb Samuel Miller — Electric Charge on Fog Droplets in the WRF Weather Model	Meghdoot
13:40–13:55	Anoop P — Urban-Induced Vertical Reorganisation of Radiation Fog over the Indo-Gangetic Plain: Evidence from Ground-Based Profiling and Large-Eddy Simulations	Meghdoot

13:55–14:10	Gayatri Kalita — Spatiotemporal variability of winter fog over Northeast India	Meghdoot
14:10–15:00	Lunch Break	Govardhan Hall
15:00–15:15	Genki Katata - Contribution of local-scale air pollution to surface solar radiation dimming: Evidence from long-term visual observation in Japan.	
	SESSION 2: Chemistry of Fog and Dew — Chair (Dr Stephen M. Griffith and Dr Sachin D. Ghude)	Meghdoot
15:15–15:30	Atul Kumar Srivastava - Deciphering size-segregated aerosol composition across contrasting atmospheric conditions over Delhi	
15:30–15:45	Chaitrali Shinde — Characteristics of fog droplet residuals and interstitial aerosols: Insights from GCVI-coupled HTDMA, AMS, and CCN measurements	Meghdoot
15:45–16:00	Avishek Ray— Impact of aerosol hygroscopicity on fog formation over the Indo-Gangetic Plain.	Meghdoot
16:00–16:15	Delalande-Le Mouellic - Isotopic characterisation of cloud water and its contribution to hydrological recharge in a tropical montane cloud forest (La Reunion Island): first insights from the REVHisit project.	Meghdoot
16:15–16:30	Kehui Huang - Same Flow, Intermittent Fog: Three Coupled Mechanisms of Southwesterly Sea Fog along the Zhejiang	Online
16:30 - 17:00	Lightning talk (2 min each) - Poster session 1 1. Ashley Jia Cao 2. Nithin Babu 3. Imsongti Imsong 4. Kiyekali H Yeptho 5. Munulu Vero 6. Morgane Gentien 7. Subhadeep Halder 8. Siddhant Arya 9. Suruchi 10. Somnath Mahato 11. Jitendra Bhilala	Meghdoot Lobby
17:00–17:30	High Tea and Poster Session 1	Meghdoot Lobby
17:30–18:00	Poster Session I	Govardhan Hall

Day 2 — Wednesday, 23 September 2026

Time	Programme / Presenter	Venue
10:00–10:30	Guest Lecture - Dr R K. Jenamani - Fog over the Indian	Meghdoot

	region: historical data, WiFEX, causes, and status of monitoring sector, centring EWS.	
	SESSION 3: Fog and Dew Collection as a Water Resource (Session chairs: Prof. Nurit Agam and Prof. Jan Cermak)	
10:30–11:00	Plenary talk - FROM PROVING THE CONCEPT TO SHAPING WATER POLICY: THE FUTURE OF FOG WATER - Prof. Pablo Osses	Meghdoot
11:00–11:15	Felipe Andres Lobos Roco — Modelling fog harvesting across time, space and landscapes: the AMARU models’ principle, validation and applications	Meghdoot
11:15–11:30	Camilo del Ri-o — Fog water collection along the Chilean coast: Geographic-climatic drivers, ecological significance and potential as a water resource	Meghdoot
11:30–12:00	Tea Break	Meghdoot Lobby
12:00–12:15	Pablo Osses — Fog Water Collection Dynamics in the Dhofar Uplands, Oman	Meghdoot
12:15–12:30	Michael Helmut Kiesling — Industry	Meghdoot
	SESSION 4: Fog and Dew Field Campaigns — Keynote Lecture (Session Chairs: Dr R K Jenamani and Dr Sandeep D Wagh)	
12:30–13:00	Lecture by Dr Sachin D. Ghude/Dr Sandeep D. Wagh	Meghdoot
13:00–14:00	Lunch Break	Dining Area
14:00–14:15	Anas Ibnu Basheer — Quantification of aerosol-induced radiative perturbations and their influence on non-radiative fluxes during wintertime fog events; Insights from a field campaign in Patiala, Northwest Indo-Gangetic plain	Meghdoot
14:15–14:30	Klaus Keim Vera — Life-cycle analysis of fog types in the Inn Valley, Austria	Meghdoot
14:30–14:45	Jan Cermak - AeroFog-Fog Interactions, chemistry and biogeochemical impacts in the Namib Desert: Insights from in situ and satellite observations	Meghdoot
	SESSION 5: Ecosystem Interaction with Fog and Dew — (Session Chairs: Prof. Nurit Agam and Prof. Pablo Osses)	Meghdoot
14:50–15:05	Lixin Wang — The underappreciated roles of fog and dew on vegetation and biocrusts	Meghdoot
15:05–15:20	Mengyun Sun — Dew formation is associated with higher ecosystem productivity across diverse ecosystems	Meghdoot
15:20–15:35	Eva Pauli — Fog and Low stratus life cycle in Europe: Linking synoptic conditions with surface and aerosols	Online/Pre-recorded

15:35-15:50	Brajesh Kumar Kanaujiya - Delayed Recovery of Low Visibility Conditions at Indira Gandhi International Airport, New Delhi	Meghdoot
15:50 - 16:20	Lightning Talk (2 mins each) - Poster Session 2 • Jörg Bendix • Sreebhashia T C • Narendra Reddy Neli • Prajakta Aniket Choughule • Vicente Patricio Espinoza Escobedo • Neeti Singh • Rahul • Stephen Miles Griffith • Akash Vispute • Claudia Vetrano • Garvit Dixit	
16:20–16:45	High Tea and Poster Session 2	Govardhan Hall
16:45–18:00	Poster Session II	Govardhan Hall
19:30 Onwards	Gala Dinner	24k, Pune

Day 3 – Thursday, 24 September 2026

Time	Programme / Presenter
07:00 Onwards	Full-day excursion: Tahmini Ghat Waterfalls, Andharban Trek, Kundalika Valley, Savlya Ghat. (Only for participants registered for the excursion)

Day 4 – Friday, 25 September 2026

Time	Programme / Presenter	Venue
	SESSION 6: Fog and Dew Measurement and Monitoring (Session Chairs: Prof. Jan Cermak and Prof. Lixin Wang)	
10:00 - 10:30	Plenary Talk - Should we include NRWIs in aridity calculations? Prof. Nurit Agam	Meghdoot
10:30–10:45	Han Tseng — Defining fog presence for cloud water interception estimation	Meghdoot
10:45–11:00	Geeta Agnihotri — Study of cloud base height using Ceilometer and MODIS observations over KIAL Bangalore during foggy days	Meghdoot
11:00–11:30	Tea Break	Meghdoot Lobby

11:30–11:45	Narendra Reddy Nelli — Microphysical and Electrical Characteristics of Fog in the United Arab Emirates	Meghdoot
11:45–12:00	Roshan Banbariya — Image-Based Fog Detection in the Indo-Gangetic Plains Using Outdoor Imagery	Meghdoot
12:00–12:15	Kurt James Hibert (Co-author David James Delene would be presenting) - UAS Fog Operations and Measurements at a Continental Site.	Online
12:15–12:30	David James Delene — Surface Measurement of the Fog Droplet Spectrum at a Continental Site using the Cloud Droplet Probe (CDP)	Online
12:30–12:45	Utkarsh Kumar — Identification of the Most Severe Frost Month, Intensity, and Time of Advent at Hawalbagh Farm, Almora, Uttarakhand	Meghdoot
12:45–13:00	Diego Eduardo Rivera Moraga — Disentangling Non-Rainfall Water Inputs in a Coastal Fog Oasis of the Atacama Desert: Event-Scale Quantification of Fog, Dew, and Vapour Adsorption Contributions to Soil Surface Moisture.	Meghdoot
13:00–14:00	Lunch Break	Dining Area
14:00–14:40	Lightning Talk (2 mins each) - Poster Session 3 1. Deewan Singh Bisht 2. A R Harikrishna 3. Shamik Chakraborty 4. Chandrakala Bharali 5. Sandhya Jose 6. Pooja Vijaykumar Pawar 7. Sumit Kumar 8. Mrunal Satyawar Naik 9. Prafulla Prakash Yadav 10. Priyanshu Choudhury 11. Pratik Patil 12. Aishwarya Ashok Kanase	Meghdoot
14:40–16:30	Poster Session 3 and High Tea	Meghdoot
18:00–20:00	Cultural event	Meghdoot Auditorium
20:00 Onwards	Dinner	Govardhan Hall/IITM Lawn

Day 5 — Saturday, 26 September 2026

Time	Programme / Presenter	Venue
10:00–10:30	IFDA General Meeting (incl. Election of New IFDA Board)	Meghdoot

10:30–10:45	Presentation of 2029 Conference Hosts	Meghdoot
10:45–11:15	Tea Break	Meghdoot
	SESSION 7: Satellite Remote Sensing of Fog and Low Clouds (Session Chairs: Prof. Camilo Del Rio and Dr Gaurav Govardhan)	Meghdoot
11:15–11:30	Sheetabh Gaurav — Fog climatology over Europe using harmonised time series cross-calibrating two Meteosat generations	Meghdoot
11:30–11:45	Deepanshu Malik — Resolving Fog Occurrence in the Central Namib Desert Through Integrated Satellite and Ground Observations	Meghdoot
11:45–12:00	Yuanzhen Zhang - SST-BTD as a discriminator of nighttime sea fog/Low stratus and clear skies: A case study over China's coastal region	Online
12:00–12:15	Xiaoyu Shi - Observational analysis and Numerical simulation of Sea Fog Microphysics over the Western Yellow Sea.	Online
12:15–12:30	Hendrik Anderson - The origin of Fog in the Namib Desert and its sources of variability	Meghdoot
	SESSION 8: Numerical Modelling and Forecasting of Fog and Dew — (Session Chairs: Prof. Camilo Del Rio and Dr Stephen M. Griffith)	
12:30–12:45	Rajendra Kumar - Characteristics of Indo-Gangetic Plains Fog Event and Development of Hybrid-based Fog Monitoring and Forecast System	Meghdoot
12:45–13:00	Avinash Nandkumar Parde (online) Probabilistic Fog Forecasting in Cyprus: A Machine Learning Approach Leveraging High-Frequency GNSS Moisture Gradients	Online
13:00–13:15	Georgios Priftis (Pre-recording) Numerical Modelling of Fog Water Deposition at Monteverde: Evaluation Using In Situ Observations	Online/Pre-Recording
13:15–14:15	Lunch Break	Govardhan Hall
14:15–14:30	Anie K Lal — Evaluating WRF-Chem Performance for Simulating Dense Fog: A Case Study over Delhi NCR, India	Meghdoot
14:30–14:45	Panu Joona Petteri Maalampi - Estimating the relative attenuating effects of hydrometeors and aerosols with comprehensive visibility parametrisation using the reanalysis data.	Meghdoot
14:45–16:00	Closing Ceremony • Prize Distribution • Vote of Thanks	Meghdoot
16:00–16:30	High-Tea	Meghdoot

		Lobby
16:30–17:30	Departure / Informal Networking	—

Poster Sessions

Poster Session I	Poster Session II	Poster Session III
1. Ashley Jia Cao	1. Jörg Bendix	1. Deewan Singh Bisht
2. Nithin Babu	2. Sreebhashia T C	2. A R Harikrishna
3. Imsongti Imsong	3. Narendra Reddy Neli	3. Shamik Chakraborty
4. Kiyekali H Yeptho	4. Prajakta Aniket Choughule	4. Chandrakala Bharali
5. Munulu Vero	5. Vicente Patricio Espinoza Escobedo	5. Sandhya Jose
6. Morgane Gentien	6. Neeti Singh	6. Pooja Vijaykumar Pawar
7. Subhadeep Halder	7. Rahul	7. Sumit Kumar
8. Siddhant Arya	8. Stephen Miles Griffith	8. Mrunal Satyawar Naik
9. SURUCHI	9. Akash Vispute	9. Prafull Prakash Yadav
10. SOMNATH MAHATO	10. Claudia Vetrano	10. Priyangshu Choudhury
11. Jitendra Bhilala	11. Garvit Dixit	11. Pratik Patil
		12. Aishwarya Ashok Kanase