

EVENT SCHEDULE: IASTA CONFERENCE: 17TH -20TH DECEMBER 2024

	09:00–11:30	11:30 -12:00 HIGH TEA & PHOTOGRAPH	12:00 – 13:30		13:30 – 14:30 LUNCH BREAK	14:30-16:00		16:00 – 16:15 TEA BREAK	16:15-17:15	17:15-18:15	19:00-21:00
Day 1: 17 th December 2024	Registration + Inauguration Session & Keynote Talk (Main Hall)		Invited Talk-1 Aerosol instrumentation Invited Talk- 2 Geospatial Techniques Invited Talk-3 Extreme events (Main Hall)			Parallel Session – 1 (Main Hall) Aerosol Instrumentation			Lightning Talk session- I (Main Hall)	Session – 3 (Main Hall) Geospatial Techniques	Cultural Program Followed by Dinner
Day 2: 18 th December 2024	09:00 – 11:00	11:00 -11:15 TEA BREAK	11:15 -11:45	11:45–13:30	14:30 – 16:15		16:15– 17:00	17:00-18:00	18:30– 21:00		
	Plenary Talk -1 Invited talk- 4 Nuclear and Radioactive aerosols Invited Talk -5 Bioaerosols (Main Hall)		Invited Talk-6 Aerosol monitoring (Main Hall)	Parallel Session – 5 (Main Hall) Aerosol Monitoring	Parallel Session – 6 (Hall 1) Aerosol Monitoring	Poster session I and visit to exhibition booths				Parallel Session – 7 (Main Hall) Bioaerosols	Popular Talk
Day 3: 19 th December 2024	09:00 – 11:00	11:00 -11:15 TEA BREAK	11:15 -12:30	12:30-13:30	14:30-16:00		16: 00 – 18:00				
	Plenary Talk -2 Invited talk-7 Aerosol modeling Invited talk -8 Aerosol cloud interactions (Main Hall)		Session on Uttarakhand air quality: Talk and Panel discussion (Main Hall)	Parallel Session – 9 (Main Hall) Aerosol Monitoring	Parallel Session – 10 (Hall 1) Aerosol Monitoring	Parallel Session – 11 (Main Hall) Aerosol modeling	Parallel Session – 12 (Hall 1) Aerosol cloud interactions	Poster session II and visit to exhibition booths			
Day 4: 20 th December 2024	09:00 – 11:00	11:00 -11:15 TEA BREAK	11:15 -13:00	13:00-13:30	14:00-15:00		15:30-21:00				
	Plenary Talk -3 Invited talk-9 Emission Inventory Platinum sponsors session (Main Hall)		Special session Projects of National Importance (Main Hall)	Parallel Session-13 (Main Hall) Emission Inventory	Award ceremony (Main Hall)		Excursion to Rishikesh				

1. **KEYNOTE SPEAKER: PROF. PRATIM BISWAS (UNIVERSITY OF MIAMI; USA)**
TITLE: AEROSOL SCIENCE AND TECHNOLOGY: FROM A BRIEF HISTORY TO OPPORTUNITIES FOR THE FUTURE
2. **PLENARY TALK -1: PROF. KALPANA BALAKRISHNAN (SRIHER, CHENNAI, INDIA)**
TITLE:
3. **PLENARY TALK -2: PROF. ARNICO PANDAY (NEPAL)**
TITLE: AEROSOL RESEARCH IN SOUTH ASIA: QUESTIONS FOR THE NEXT DECADE
4. **PLENARY TALK -3: PROF. MIHALOPOULOS NIKOS (NATIONAL OBSERVATORY OF ATHENS GREECE)**
TITLE: HEALTH IMPACT OF AEROSOLS: NEED FOR MULTIPARAMETRIC APPROACHES
5. **INVITED TALK -1: PROF. ROLF ZIMMERMAN (UNIVERSITY OF ROSTOCK AND HELMHOLTZ MUNICH, GERMANY)**
TITLE: THE IMPACT OF AEROSOL PARTICLE-BORNE CHEMICAL COMPOUNDS AND THEIR INTERNAL/EXTERNAL MIXING STATE ON CLIMATE AND HEALTH AND HOW TO MEASURE THESE PARAMETERS
6. **INVITED TALK -2: PROF. SAGNIK DEY (IIT DELHI)**
TITLE: MODELLING AIR POLLUTION EXPOSURE USING GEOSPATIAL TECHNIQUES AND ITS APPLICATIONS IN INDIA
7. **INVITED TALK -3: PROF. DIMITRIS G KASKAOUTIS (UNIVERSITY OF WESTERN MACEDONIA; GREECE)**
TITLE: EXTREME AEROSOL PHENOMENA IN THE ERA OF THE CLIMATE CRISIS: DUST STORMS AND SEVERE WILDFIRES
8. **INVITED TALK -4: PROF. B.K. SAPRA (BARC MUMBAI)**
TITLE: NUCLEAR AEROSOL STUDIES FOR A SUSTAINABLE ENERGY FUTURE
9. **INVITED TALK 5: PROF SACHIN GUNTHER (IIT MADRAS)**
TITLE: BIOAEROSOL RESEARCH OVER INDIA: PAST, PRESENT, AND MISSING LINK
10. **INVITED TALK 6: PROF. MIKE BERGIN (DUKE UNIVERSITY)**
TITLE: LOW-COST SENSORS, SATELLITE IMAGERY, AND DEEP LEARNING: THE FUTURE OF IMPROVING ENVIRONMENTAL AND HUMAN HEALTH
11. **INVITED TALK 7: PROF. AKSHAI K RUNCHAL (CFDVRI, DHARAMSHALA)**
TITLE: AEROSOL CFD CODES- WHERE WE ARE AND WHAT IS AHEAD?
12. **INVITED TALK 8: PROF. G. PANDITHURAI (IITM PUNE)**
TITLE: AEROSOL-CLOUD-PRECIPIATION INTERACTIONS: A MAJOR UNCERTAINTY IN THE CLIMATE SYSTEM
13. **INVITED TALK 9: PROF. SHUBHA VERMA (IIT KHARAGPUR)**
TITLE: ATTAINING CLOSURE BETWEEN EMISSIONS AND SOURCE APPORTIONMENT OF ATMOSPHERIC AEROSOL POLLUTANTS FOR EFFECTIVE MITIGATION: INTEGRATING OBSERVATIONS AND SOURCE-RECEPTOR MODELING APPROACHES
14. **INVITED TALK 10: PROF. MARTIN RIGLER (SLOVENIAN)**
TITLE: EXPLORING CARBONACEOUS AEROSOL COMPOSITION AND AGING: INSIGHTS FROM MULTIWAVELENGTH OPTICAL AEROSOL ABSORPTION AND TOTAL CARBON MEASUREMENTS
15. **POPULAR TALK: PROF. ARUN KUMAR GROVER (EX-VC: PANJAB UNIVERSITY CHAMDIGARH)**
TITLE: EVOLUTION OF SCIENCE AND RESEARCH IN INDIA: COLONIAL TO INDEPENDENT ERA