

ICCP2020

3-7 August 2020 | Pune | India



<http://iccp2020.tropmet.res.in/>

Conference Venue: JW Marriot Hotel
S.B. Road, Pune, India 411 053

Preface

The ICCP conferences are organized every 4 years by the **International Commission on Clouds and Precipitation (ICCP)** together with a host institution. ICCP is a commission of the International Association of Meteorology and Atmospheric Sciences (IAMAS), an association of IUGG (International Union of Geodesy and Geophysics). **ICCP conferences have a long history and information on earlier ICCP conferences are available at <http://www.iccp-iamas.org/history.html>**

The goal of the conference is to provide a venue for the presentation of scientific research in the area of clouds and precipitation and to encourage the exchange of ideas within the international community on clouds and precipitation research. The conference will be attended by researchers with strong international reputations and expertise in cloud physics and precipitation science, including representation of diverse observational,

modeling, laboratory, and theoretical studies on aerosol, clouds and precipitation. The ICCP conferences are also an avenue for young scientists and students in this field to interact with each other and senior colleagues and to enhance their knowledge. ICCP conference will be conducted for the first time in Asia.



[\(http://www.iccp-iamas.org/\)](http://www.iccp-iamas.org/)

Theme

Presentations are being solicited on theoretical, observational, laboratory and numerical modeling studies of cloud and precipitation physics, aerosol and cloud chemistry, cloud electrification and cloud dynamics in the following specific areas:

- Aerosol-cloud-precipitation-radiation interactions and processing
- Applications of cloud and precipitation physics
- Basic cloud and precipitation physics
- Cirrus clouds
- Cloud electricity
- Clouds and climate (including radiative properties of clouds)
- Clouds and high impact weather
- Clouds and remote sensing
- Convective clouds
- Fog and visibility
- Laboratory, wind tunnel and cloud chamber studies of microphysical processes
- Measurement techniques (of cloud and precipitation properties) and their uncertainties
- Mesoscale cloud systems
- Mixed phase clouds
- Monsoon clouds and precipitation
- Orographic clouds
- Polar clouds

- Primary and secondary ice and cloud condensation nuclei
- Tropical clouds
- Turbulence mixing and entrainment
- Warm clouds
- Weather modification

Host Institution

The Indian Institute of Tropical Meteorology (IITM <https://www.tropmet.res.in/>) is hosting the ICCP conference in 2020. The main research at the Indian Institute of Tropical Meteorology (IITM) is focused on monsoon processes and their prediction at different scales. IITM under the Ministry of Earth Sciences (MoES), Government of India has a program on the study of tropical clouds where the aerosol-cloud-precipitation interaction, weather modification research and convection are addressed. There is advanced research in the area of climate change, seasonal and extended range prediction of monsoon with state-of-the-art numerical modeling activities.

About Pune

Pune is the educational hub of South India, located in the Western Ghat and is 150 km from Mumbai. Pune International airport is 13 km from the conference venue. Pune is well connected to all major airports and railways. Pune experiences light rain during August (average rainfall is 13.5 cm, average maximum temperature is 27.6 °C, minimum temperature is 21.7°C and relative humidity is 79%.)

Overall timeline for the conference

- 15th Nov 2019 : Abstract submission open
- 6th Feb 2020 : Deadline for abstract submission
- 7th March 2020 : Acceptance/invitation letters
: Registration opens
- 31st March 2020: Scientific program release
- 30th Apr 2020 : Early bird registration ends
- 30th Jun 2020 : Standard registration ends

Accommodation

Participants may reserve accommodation at the Venue (JW Marriot), nearby hotels / guesthouses. Student accommodations will be provided at student hostels of IITM and other institutions.

Banquet venue

The ICCP conference banquet will be arranged in the backdrop of a Fort with Maratha history; to experience the Indian royal heritage with food, music and cultural activities.



Conference fees

Different payment options are available: (a) by **debit/credit card** or (b) by **bank transfer**. Conference fees include participation at the ice-breaker reception and the conference banquet (except for the accompanying person) and also includes daily lunches and refreshments at the venue. Abstract and registration fees can be paid online in the name of “**IITM Pune Conference Account**”

Account no. 0495000100212864

IFSC: PUNB0049500

SWIFT: PUNBINBBPUC

MICR CODE: 411024008

Bank: Punjab National Bank

Branch: Pashan Road, Pune

Maharashtra state, India 411 021



सत्यमेव जयते

Ministry of
Earth Sciences

Registration Type	Early bird registration rates (₹) (deadline 30 th April 2020)	Standard registration rates (₹) (deadline 3 rd Aug 2020)
Regular	₹ 40,000	₹ 44,000
Early career ¹	₹ 32,000	₹ 36,000
Student ²	₹ 16,000	₹ 16,800
Invitee ³	₹ 32,000	₹ 32,000
Accompanying persons ⁴	₹ 4,000	₹ 4,000

- All rates are mentioned in Indian rupees (₹). You may choose to pay an equivalent amount in your chosen currency.
- There will be additional charges for credit/debit card transaction fees
- Abstract submission fee of ₹ 4,000 is applicable for each abstract. Please note that the abstract submission fee of ₹4,000 for one abstract is deductible from the registration fee of the presenting author who is a registered delegate. This deduction will only be applied once per registered delegate. However, one delegate may submit multiple abstracts and the ₹ 4,000 abstract fee is applicable for each submission. The abstract submission fee is a processing charge and is not refundable.
- ¹Early career is anyone with less than 5 years experience in the field after their final degree
- ²Selected students may receive waiver
- ³Invitee by the organizers
- ⁴If accompanying person (non-scientific) is participating in the ice breaker, banquet, and/or for regular lunches and dinners, additional fees are applicable.

Contact details:

"ICCP2020" Conference LOC Chair
Indian Institute of Tropical Meteorology
Dr. Homi Bhabha Road, Pune
Maharashtra, India 411 008
Phone: +91 20 25904353
Email: iccp2020@tropmet.res.in



Patron: Dr. M. Rajeevan, Secretary, Ministry of Earth Sciences, Government of India

Science Committee: ICCP commission

<http://www.iccp-iamas.org/members.html>

Prof. Andrea Flossman President

Prof. Greg McFarquhar

Vice President

Dr. Darrel Baumgardner

Secretary

Dr. Rachel Albrecht, Brazil

Dr. Paul Connolly, UK

Dr. Corinna Hoose, Germany

Dr. Martina Krämer, Germany

Dr. Chunsong Lu, China

Dr. Hugh Morrison, USA

Dr. Narihito Orikasa, Japan

Dr. Alfons Schwarzenboeck, France

Dr. Philip Stier, UK

Dr. Trude Storelvmo, USA

Dr. Julie Thériault, Canada

Dr. Susan Van den Heever, USA

Dr. Heike Wex, Germany

Dr. Seong Soo Yum, Korea

Dr. Paul Field, UK

Dr. C. Franklin, Australia

Dr. Ismail Gultepe, Canada

Dr. Ilan Koren, Israel

Dr. Ottmar Moehler, Germany

Dr. Victor Petrov, Russia

Dr. Thara Prabhakaran, India

Dr. Robert Rauber, USA

Prof. Rob Wood, USA

Dr. Huiwen Xue, China

National Organizing Committee

Prof. G. S. Bhat IISc, Bengaluru (Chair)

Prof. Ravi S Nanjundiah, IITM, Pune

Director-General IMD

Prof. (Dr.) Nitin R. Karmalkar, SPPU, Pune

Director, IISER, Pune

Prof. J. Srinivasan, IISc Bengaluru

Dr. Parvinder Maini, MoES, New Delhi

Prof. K. Krishnamoorthy, IISc, Bengaluru

Prof. S.K. Dash, IIT, Delhi (IMS),

Dr. U. C. Mohanty, IIT Bhubaneswar

Prof. M.M. Sarin, PRL, Ahmedabad

Prof. S. K. Sathesh, IISc, Bengaluru

Prof. P. Pradeepkumar, SPPU, Pune

Dr. Rajagopal, NCMRWF, New Delhi

Dr. M. Ravichandran, NCAOR, Goa

Dr. Amit Kumar Patra, NARL, Tirupati

Dr. A.K. Kamra, IITM Pune

Dr. V. K. Anandan, ISRO, Bengaluru

Dr. C.M. Kishtawal, SAC, Ahmedabad

Prof. Chandra Venkataraman, IIT, Mumbai

Dr. Radhika Ramchandran, SPL, TRVM

Prof. Manju Mohan, IIT New Delhi

Dr. K. Rajeev, Dr. Sureshabu, SPL, TRVM

Prof. S. Ramchandran, PRL, Ahmedabad

Dr. K. Mohankumar, ACARR, Cochin

Dr. V.K. Dadhwal, IIST, TRVM,

AVM (Dr.) S. Tyagi, IAF, Dr. S. Ghosh, VIT, India

Dr. P. C. S. Devara, Amity University

Dr. Rama Govindarajan, ICTS Bengaluru

Prof. J. H. Arakeri, IISc Bengaluru.

Prof. K. Nandakumar, MGU, Kerala

Prof. Anand Karipot, SPPU, Pune

Dr. Vinayak Sinha, IISER Mohali

Dr. Sandeep Patnaik, IIT Bhubaneswar

Dr. R. Krishnan, Dr. G. Beig, Dr. A. K. Sahai

Dr. Suryachandra Rao, Dr. C. Gnanaseelan,

Dr. P. Mukhopadhyay, Dr. S. D. Pawar

Dr. G. Pandithurai, Dr. Vinu Valsala, IITM

Dr. Thara Prabhakaran, IITM, Pune (Convener)

Local Organizing Committee (LOC)

Dr. Thara Prabhakaran (Chair)

Dr. Supriyo Chakraborty (Co-Chair)

Dr. Anupam Hazra (Co-Chair)

Mr. P. Murugavel (Co-chair)

Dr. Anoop Mahajan (Co-Chair)

Dr. Shivsai Dixit (Co-Chair)

Dr. Shompa Das (Co-Chair)

Dr. Bipin Kumar (Co-Chair)

Dr. Yogesh Tiwari (Co-Chair)

Dr. Sachin Ghude (Co-Chair)

Dr. Sachin Deshpande (Co-Chair)

Dr. Mahen Konwar (Co-Chair)

Mr. Ajit Prasad, AVM Suresh Babu

Dr. Kaustav Chakravarty

Dr. Subrata Kumar Das

Dr. Y. Jaya Rao, Mr. Sanjay Saha

Mr. Abhay Rajput

Mr. Subharthi Chowdhuri

Mr. Sudarsan Bera

Mr. Vipin Mali, Mrs. Yogita Kad

Mrs. Vijaya Narayanan

Mr. Yogesh Belgude

Mrs. Sheetal Deshmukh

Mrs. Sunita Kharbanda

Mr. Sandip Kulkarni

Mr. Shafi Sayyed, Mr. B.T. Pawar

Mrs. Mercy Varghese

Dr. Gayatri Kulkarni,

Ms. Neelam Malap

Mr. Soumya Samanta, Mr. Sandeep J

Ms. Lois Thomas, Mr. Shantanu

Mr. Abhishek Gupta, Mrs. Rohini P.

Mr. Yogesh Pawar

Mr. Tulsiram Kushwah

Mr. Amey Datye, Mrs. Vishakha C