

# ICCP2021

2-6 August 2021 | Pune | India



<http://iccp2020.tropmet.res.in/>  
(Hybrid/Virtual conference)

Conference Host: Indian Institute of Tropical Meteorology (IITM), 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>**

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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.



International Commission  
on Clouds and Precipitation

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

The ICCP 2020 was postponed due to the COVID-19 pandemic. The ICCP commission, in consultation with the LOC, has decided that the upcoming ICCP 2021 will be a **hybrid/virtual meeting**, with the structure of the sessions depending on the degree of improvement in the global pandemic situation

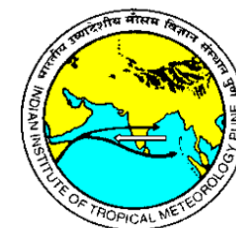
## Theme

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

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- 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
- Effects of COVID-19 pandemic on clouds, precipitation and cloud-aerosol interactions
- 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 2021. 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-

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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

30<sup>th</sup> Oct 2020 : Abstract submission open

14<sup>th</sup> Jan 2021 : Abstract submission closed

6<sup>th</sup> March 2021 : Acceptance of abstracts  
: Initiation of registration

30<sup>th</sup> March 2021: Scientific program released

29<sup>th</sup> Apr 2021 : Early bird registration ends

29<sup>th</sup> Jun 2021 : Regular registration ends

**Abstract fees:** Abstract submission fee of ₹ 4,000 is applicable for each abstract. Please note that all abstract fees are non-refundable; however, all previously submitted abstracts remain in the database. The abstract submission system will allow for previously submitted abstracts to be revised, replaced (e.g., update co-authors and titles or change the subject matter of the abstract) or withdrawn, and to allow for new submissions.

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

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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**

### Contact details:

"ICCP2020" Conference LOC Chair

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### Science Committee: ICCP commission

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

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(Convener)

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