

Conference on Plasma Simulation (CPS)

July 13-15, 2023

Raman Science Centre, Indian Institute of Astrophysics,
Leh, Ladakh, India -194 101



Objectives of CPS-2022

The aim of this Conference is to provide an intellectual platform to academicians, scientists, engineers and participants from industries, for exchanging ideas, knowledge and latest information in the field of plasma simulation through a set of talks and posters by experts in the field. The faculties and research scholars from Plasma community and people from industries will interact with each other on this platform which will create opportunities to work together for advancement of science and technology for human resource development as well as development of the skills.

About the Institute

Raman Science Center, Leh is the high-altitude field station of IIA-Bangalore that serves as a base station for the Indian Astronomical Observatory (IAO) located atop Mt. Saraswati at an altitude of 4250 m above msl and the site for the Himalayan Chandra Observatory, as well as HAGAR and MASE instruments jointly operated with TIFR and BARC.



Topics of the Conference

The major themes of the conference include but are not limited to:

- Plasma Surface Interaction.
- Space and Astrophysical Plasmas.
- Modelling and Simulation.
- Magnetic and Inertial Fusion.
- MHD, other Fluid Methods of Plasmas.
- Microdischarges: DC, RF, Microwave
- Industrial Applications of Plasma.
- Laser Plasma Interaction.
- Plasma Propulsion and Aerodynamics.

National Advisory Committee

Dr. Shashank Chaturvedi, IPR
Prof. Kandaswamy Subramanian, IUCAA & Ashoka University
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Prof. Arnab Rai Choudhuri, IISc
Prof. Mahendra Verma, IIT, Kanpur
Prof. Rahul Pandit, IISc

Boarding and Lodging

Free accommodation (03 nights) will be provided to registered participants on case by case basis on prior request before June 10, 2023. TA (3rd AC) will be paid to students only.

Important Dates:

Last date for submission of abstract: June 10, 2023

Notification of acceptance: June 15, 2023

Registration starts on: July 13, 2023

Scheduled date for conference: July 13-15, 2023

Patron

Dr. Shashank Chatruvedi (Director, IPR)

Conveners

Dr. Sarveshwar Sharma (IPR)

Dr. Piyali Chatterjee (Co-Convenor, IIA)

Scientific Programme Committee

Prof. Sudip Sengupta (IPR)

Dr. Sarveshwar Sharma (IPR)

Dr. Piyali Chatterjee (IIA)

Dr. Animesh Kuley (IISc)

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Local Organizing Committee (IIA)

Mr. Dorje Angchuk (Chair IIA)

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Mr. Tashi Thsering Mahey (IIA)

Mr. Tsewang Gyalson (IIA)

Mr. Zahoor Ahmed (BARC)

Mr. Punchok Dorje (TIFR)

Mr. Avadhesh Maurya (IPR)

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