



# PTS-2023



## 3<sup>rd</sup> International Conference on Plasma Theory and Simulations 21-23 September, 2023

Organized by:

School of Physical Sciences, Jawaharlal Nehru University, New Delhi (India)  
Venue: JNU Convention Centre

### About PTS-2023

Please visit Website: [www.pts2023.org](http://www.pts2023.org)

On behalf of the Organizing & Programme Committees, we are pleased to invite you to the **3<sup>rd</sup> International Conference on Plasma Theory and Simulations (PTS-2023)**, which will be held in Jawaharlal Nehru University, New Delhi, India during **September 21-23, 2023**. This conference is the third one in the series of PTS conferences, which will cover a broad range of cutting edge research in the fields of plasma theory and simulations.

### SCOPE

- Fundamental & Basic Plasmas
- Hydrodynamic and Hydro-magnetic Instabilities
- Space & Astrophysical Plasmas
- Exotic Plasma (Including Dusty Plasmas)
- Laser and Quantum Plasmas
- MHD and Solar Plasmas
- Computer modeling for Plasmas
- Beam-plasma Interactions
- Nuclear Fusion
- Laboratory plasmas
- Cross-Disciplinary Areas

### Organizing Committee

Patron:  
**Prof. Santishree Dhulipudi Pandit**  
Hon'ble Vice Chancellor, JNU

Co-patron:  
**Kedar Singh, Dean, SPS, JNU**

Convener:  
**Ram Prasad Prajapati**

Co-convener:  
**Pawan Kumar Kulriya**

Organizing Secretary:  
**Alok Kumar Singh Jha**

LOC Members:  
Ram Sagar, Manish Kumar, Amit Rai, Vijay Kumar Goel, L. Raju Chowhan, Rabindra Nath Mahato, Manoj Munde, Shilpi Agarwal, Arvind Kumar, Om Prakash Meena

### Registration Fee:

Faculty/Scientists: INR 3000  
 Research Scholars/postdoc: INR 2000  
 Students: INR 1500  
 Industry Participation: INR 6500  
 Accompanying Person: INR 2000  
 Foreign Delegates: INR 15000

### DEADLINES

**Abstract Submission**  
20<sup>th</sup> June, 2023

**Acceptance Notification**  
30<sup>th</sup> June, 2023

**Registration**  
15<sup>th</sup> August, 2023

#### Accommodation

A list of budgetary hotels will be provided on the conference website. Limited rooms are available in the university guest houses on payment basis. All efforts will be made to provide hostel accommodations to research scholars in the university hostels.

#### Financial Support

All the participants for PTS-2023 are supposed to have one's own research fund to participate to the conference. However, limited travel grant to the young researchers may be provided after getting funds from various agencies.

#### Prof. S. Chandrasekhar Young Scientist Award

Best Oral presentation and Poster presentation (below 35 years) will be awarded by cash prizes and certificates.

### International Advisory Board

Mitsuru Kikuchi (AAPPs-DPP)  
 Stefaan Poedts (KU Leuven)  
 Matthew Hole (Australian Nat'l Univ.)  
 Frank Verheest (Ghent Univ.)  
 Andre Melzer (Univ. of Greifswald)  
 Fernando Haas (Inst. De Fisica)  
 Michael Bonitz (Christ.-Albrechts Uni.)  
 Birendra Pandey (Macquarie Uni.)  
 Huirong Yan (Univ. Postdam & DESY)  
 Bengt Eliasson (Univ. Strathclyde)  
 Kazunari Shibata (Kwasan Observatory)

### National Advisory Board

Bimla Buti (Buti Foundation)  
 Shashank Chaturvedi (IPR)  
 Anil Bhardwaj (PRL)  
 Abhijit Sen (IPR)  
 Rajendra K. Chhajlani (Vikram Univ.)  
 Vinod Krishan (IIA)  
 Avinash Khare (Sikkim Central Univ.)  
 Amita Das (IITD)  
 Rajaraman Ganesh (IPR)  
 Rajesh Srivastava (IITR)  
 Mahendra K. Verma (IITK)  
 Durgesh Tripathi (IUCAA)  
 Naresh Pal Singh Saini (GNDU)  
 Joginder S. Dhiman (Shimla Univ.)  
 Punit Kumar (Lucknow University)  
 Abhishek K. Srivastava (IIT-BHU)  
 Abhirup Datta (IITI)

### Scientific Program Committee

Rony Keppens (KU Leuven)  
 Mei-Ching Fok's (NASA)  
 Devendra Sharma (IPR)  
 Devki Nandan Gupta (Delhi Univ.)  
 Pralay Karmakar (Tezpur Univ.)  
 Amar Prasad Misra (Visva Bharati)  
 Ram Prasad Prajapati (JNU)  
 Vikrant Saxena (IITD)  
 Sanat Kumar Tiwari (IITJ)

### Publications

Selected papers will be published in **Physica Scripta** After peer-review process.

Impact Factor: 3.081 IOP Publishing

### Sponsors

