



International Workshop on Plasma Physics

June 17 – 19, 2026

Centre of Excellence (CoE) Physics

National Centre for Physics (NCP), Islamabad



Introduction

The Directorate of Theoretical Physics (TPD) at CoE Physics NCP, Islamabad is regularly organizing workshop on Plasma Physics since 2015. This is the 6th workshop of the series. The workshop covers basic aspects of plasma physics with gradual concept building in mathematical modeling, computational plasma physics, simulation, and experimental techniques in fusion plasma physics. The idea of holding this workshop is to train the young students and researchers in the field of plasma theory and simulation. The event consists of invited talks, group discussions and lab sessions by the experts.

Main Topics

- Fundamentals of plasma physics
- Tokamak Plasmas
- Electromagnetic wave-plasma interactions
- Plasma simulation techniques
- Kinetic, fluid, and MHD models
- Space and astrophysical plasmas

Participation

Active BS and graduate students enrolled in a physics program at HEC recognized university / institute are encouraged to apply for participation.

Registration Fee

- Students: Local: Rs. 1500/-
- Outstation: Rs. 2000/-
- Employees: Rs. 3000/-

How to apply

The online registration form can be accessed at: <https://www.ncp.edu.pk/>. The application form should be submitted by May 31, 2026. Selection will be made by the Technical Committee of the workshop.

Technical Committee

Waqas Masood, Nazia Batool,
Sunia Hassan, Usman Hassan

Organizing Committee

Ali Ahmad, Zia-ud-Din Kasi,
M. Kamran Sadat, Tanzeel
Murtaza, Usman Saeed

Patron in Chief

Qaisar Ahsan (NCP, Islamabad)
M. Aftab Rafiq (NCP, Islamabad)

Directors

Mohsin Siddiq (NCP, Islamabad)
Shahid Ali (NCP, Islamabad)
Shabbir A. Khan (NCP, Islamabad)

Advisors

Atsushi Fukuyama (Kyoto Univ. Japan)
Stefaan Poedts (Leuven Univ. Belgium)
Hassan A. Shah (FCCU, Lahore)
Hamid Saleem (NUST, Islamabad)

Invited Speakers (Tentative)

Atsushi Fukuyama (Kyoto Univ. Japan)
Stefaan Poedts (Leuven Univ. Belgium)
Ioannis Kourakis (Khalifa Univ. UAE)
Luca Volpe (CLPU, Spain)
Waleed Moslem (Port Said Univ. Egypt)
Hamid Saleem (PAS, Islamabad)
Hassan A. Shah (FCCU, Lahore)
Aman-ur Rehman (PIEAS, Islamabad)
Waqas Masood (CUI, Islamabad)
M. N. S. Qureshi (GCU, Lahore)
Riaz Khan (PTPRI, Islamabad)
Mohsin Siddiq (NCP, Islamabad)
Shahid Ali (NCP, Islamabad)
Shabbir A. Khan (NCP, Islamabad)
Nazia Batool (NCP, Islamabad)
Rabia Jahangir (NCP, Islamabad)
Sunia Hassan (NCP, Islamabad)
Haider Rizvi (PINSTECH, Islamabad)
Mohsin Shahzad (PINSTECH, Islamabad)

Technical Coordinator

Rabia Jahangir (Tel : 051-2077313)
Email: rabia.jahangir@ncp.edu.pk

Application Deadline
May 31, 2026

For further information, please contact:

Collaborations & Academic Activities Department (CAAD)

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