



# 5<sup>th</sup> Workshop on Plasma Physics

May 30 – June 03, 2022

Centre of Excellence (CoE) Physics

National Centre for Physics (NCP), Islamabad

## Introduction

The Department of Theoretical Physics (TPD) at CoE Physics, NCP, Islamabad is regularly organizing workshop on Plasma Physics since 2015. This is the 5<sup>th</sup> 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

- Fundamental Plasma Physics
- Plasma Simulation
- Space and Astrophysical Plasmas
- Magnetic Confinement Fusion
- Tokamaks

## Participation

Active BS and graduate students enrolled in a physics program at an 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: <http://www.ncp.edu.pk/wpp-2022.php>. The application form should be submitted by **May 20, 2022**. Selection will be made by the Technical Committee of the workshop.

## Technical Committee

Waqas Masood

Shahid Ali

Nazia Batool

Rabia Jahangir

## Management Committee

Sunia Hassan

Ambreen Uzair

Tanzeel Murtaza

Zeeshan A. Siddiqui

## Directors

Ishaq Ahmad (NCP, Islamabad)

Mohsin Siddiq (NCP, Islamabad)

Ali Ahmad (NCP, Islamabad)

## Advisors

Hassan A. Shah (FCCU, Lahore)

Hamid Saleem (TRIPAS, Islamabad)

## Invited Speakers (Tentative)

Hamid Saleem (TRIPAS, Islamabad)

Hassan A. Shah (FCCU, Lahore)

Aman-ur Rehman (PIEAS, Islamabad)

Waqas Masood (CUI, Islamabad)

Mohsin Siddiq (NCP, Islamabad)

Arshad M. Mirza (UMT, Lahore)

M. N. S. Qureshi (GCU, Lahore)

Abdul Qayyum (PTPRI, Islamabad)

Ali Ahmad (NCP, Islamabad)

Shahid Ali (NCP, Islamabad)

Shabbir A. Khan (NCP, Islamabad)

Haider Rizvi (PINSTECH, Islamabad)

Usman Hassan (NCP, Islamabad)

Nazia Batool (NCP, Islamabad)

Rabia Jahangir (NCP, Islamabad)

Mohsin Shahzad (PINSTECH, Islamabad)

## Technical Coordinator

Shabbir A. Khan

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**For further information, please contact:**

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**Application Deadline**

**May 20, 2022**