



# 4<sup>th</sup> National Symposium on Laser Matter Interaction (LMI)

September 21-22, 2020

Organized by

National Centre for Physics (NCP), Islamabad, Pakistan



Atomic and Laser Physics

## Introduction

The Fourth "National Symposium on Laser Matter Interaction (LMI)" is being organized at the National Centre for Physics (NCP), from September 21-22, 2020. The main idea of holding the symposium is to provide a common platform to the national researchers working in the field of Atomic, Molecular, and Laser Physics to discuss and share the recent advancements and challenges. The symposium shall highlight the emerging technologies and prospects in the field of light-matter interactions.

## Topics

- Radiation Matter Interaction
- Plasma Dynamics
- Laser Induced Plasma Spectroscopy (LIPS)
- Plasma Diagnostic Techniques
- Time of Flight Mass Spectrometry

## Participation

Research students, post-doctoral researchers, faculty members, scientists, and engineers are encouraged to apply for this activity. Because of Covid-19, the 4th LMI will be organized virtually. All the speakers will deliver their talks through webinar and an access link will be sent to all the selected participants. The shortlisting of the candidates will be according to the relevance of their research area to the LMI symposium. There will be no registration fee for this event, and you will be able to attend it by staying at their homes/Institutions. The Ph.D. scholars are encouraged to apply for an Oral presentation.

## How to apply

Online Registration Form can be accessed at:  
<http://www.ncp.edu.pk>. Application Form should be submitted on or before Sep. 12, 2020.

**Participation will be free of cost through Webinar**

**For further Information, Please Contact:**

Activity Secretariat: [caad@ncp.edu.pk](mailto:caad@ncp.edu.pk)

Collaborations & Academic Activities Department (CAAD)

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## Directors

Hafeez R. Hoorani

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## Technical Committee

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Nighat Yasmeen (NILOP)

## Organizing Committee

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## Invited Speakers

M. Saleem (NILOP)

Riaz Ahmad (GCU LHR)

Shazia Bashir (GCU, LHR)

Shahid Rafique (UET, LHR)

Fida Younas Khattak (KUST)

Yasir Jamil (AU, FDB)

Manzoor Ikram (PIEAS)

Ali Nadeem (NILOP)

Haroon Asghar (QAU)

## Symposium Coordinator

**Rizwan Ahmed (NCP)**

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**Application  
Deadline**

**12 September,  
2020**