



33rd पञ्चवि-बीआरएनएस राष्ट्रीय लेसर संगोष्ठी 33rd DAE-BRNS National Laser Symposium

Medi-Caps University, Indore
March 6 to 9, 2025



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The 33rd National Laser Symposium (NLS-33), sponsored by the Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy (DAE), will be organized in collaboration with Indian Laser Association (ILA) at the Medi-caps University, Indore during March 6 – 9, 2025.

The symposium aims to create a forum for researchers in the field of laser physics, technology, and applications to interact with each other and network with experts in the field. The symposium will cover invited talks by leading experts in the field, poster presentations of the contributed papers, thesis presentations by Ph.D. students, and exhibitions by manufacturers and suppliers in the field. The Indian Laser Association will also conduct short courses prior to the symposium on March 4 and 5, 2025.

The symposium organizing committee cordially invites all the scientists, engineers, and students engaged in basic and applied research in the broad areas of laser and related fields to participate in the symposium.



Topics of Interest

- Physics and Technology of Lasers
- Lasers in Nuclear Science & Technology
- Laser Materials, Devices, and Components
- Nonlinear, Quantum and Atom Optics
- Ultrafast Lasers and Applications
- Lasers in Materials Science
- Laser Plasma Interaction
- Lasers in Industry and Defense
- Laser Spectroscopy and Applications
- Lasers in Chemistry, Biology & Medicine
- Laser & Fiber Based Instrumentation
- Electronics and Instrumentation for Lasers
- Machine Learning & AI in Laser Applications

Paper and Thesis Submission

Authors are requested to submit a full-length manuscript in the specified format by December 31, 2024, as per the guidelines and instructions provided at the NLS-33 website. Use MS word 2007 or higher version in '.docx' format. The length of the manuscript should be at least 2 pages and not more than 4 pages (including figures, references, tables etc.). A separate short abstract (maximum 100 words) as per the guidelines provided on the NLS-33 website should also be submitted. A poster board of area 1m x 1m approx. will be provided for each poster presentation during the symposium.

Ph.D. students, who have submitted their thesis on-or-before December 31, 2024, and whose work fall in any of the themes of the symposium or those who have been awarded Ph.D. degree after January 1, 2024 are eligible for thesis presentation. The interested students should send a four-page summary of their thesis by December 31, 2024 along with a certificate from Ph.D. guide specifying date of submission of thesis or award of the degree.

Symposium Organizing Committee

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Anand Kar	MU, Indore

Important dates and information

Paper / Thesis Submission
December 31, 2024

Paper/Thesis Acceptance
January 22, 2025

Registration with Payment
February 7, 2025

Accommodation with Payment
February 15, 2025

Patrons

Unmesh D Malshe,
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Dilip K. Patnaik,

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ILA Short Courses and Exhibition

The Indian Laser Association (ILA), the co-organizer of the NLS-33, will conduct short tutorial courses on March 4 and 5, 2025 at the symposium venue. ILA will announce the details of these courses on the ILA website shortly. Please contact General Secretary-II, ILA.

For further details about abstract submission, registration, and other updates, please visit :

www.ila.org.in/nls33