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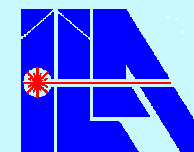
**30th DAE – BRNS
National Laser Symposium
January 19 – 22, 2022**

Sponsored by

In Collaboration with



Board of Research
in Nuclear Sciences



Indian Laser
Association



**Bhabha Atomic Research Centre
Mumbai**

<https://www.nls30.com>

Venue

DAE Convention Centre
Anushaktinagar
Mumbai-400094
(for local participants only)

Paper Submission

Authors are requested to upload on NLS-30 website, a full-length manuscript in the specified format by **November 25, 2021**, as per the guidelines and instructions provided in the NLS-30 website (<https://www.nls30.com>). MS word 2007 or higher version in '.doc' format may be used. 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 should also be submitted. Accepted papers will be presented by the author during the symposium in on-line mode.

Ph.D. students who have submitted their thesis in the topics of interest of the symposium, or expect to submit the thesis by **December 01, 2021**, and those who have been awarded Ph.D. degree after **January 1, 2021**, are eligible for thesis presentation. Those interested should upload by **Dec 07, 2021** i) a four-page summary of their thesis (in upload manuscript section) and a one page synopsis (in upload abstract section) ii) certificate from their Ph.D. guide specifying the date of submission of thesis or award of the degree, iii) List of publications related to thesis work. On acceptance, the student is expected to make a short presentation during NLS-30.

An e-book of peer reviewed contributed papers, invited talks, and thesis summaries will be made available to the participants during the symposium. The invited talks, papers selected for the "Best Poster Award", and theses selected for "Best Thesis Award", will be published in Kiran, the ILA Newsletter.

Important Dates

Paper / Thesis
Submission Deadline
Dec 15, 2021

Intimation of Paper
/ Thesis
Acceptance
December 30, 2021

Last Date for
Registration with
Payment January
07, 2022

Symposium Overview

The 30th National Laser Symposium (NLS-30) will be held in hybrid mode at Bhabha Atomic Research Centre, Mumbai during **January 19 - 22, 2022**. The symposium is sponsored by Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy, and is organized in collaboration with Indian Laser Association (ILA). The symposium will provide the platform for young researchers in laser physics and technology to interact with eminent scientists from India and abroad, and to present their work. Apart from invited talks by leading experts, the symposium will include contributed papers and Ph.D. thesis presentations in the related research areas. ILA shall also conduct short tutorial courses prior to the symposium. Symposium Organizing Committee invites all scientists, engineers and young researchers from academic institutions and R&D centers, PSUs and industries pursuing work in the broad areas of lasers and related applications, to participate.

Topics of Interest

- Physics and Technology of Lasers
- Lasers in Nuclear Science and 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 and Medicine
- Laser Based Instrumentation
- Electronics and Instrumentation for Lasers

ILA Courses and Exhibition

The Indian Laser Association (ILA), the collaborator of NLS-30, will organize a few short e-tutorial courses during **January 17 - 18, 2022**. ILA will announce the details of these courses separately. ILA will also award prizes for the "Best Thesis" and "Best Poster" presentations. The annual general body meeting of ILA will also be held during symposium. ILA is also organizing an industrial exhibition for lasers and related products during NLS-30.

For updates on NLS-30 and ILA courses, please visit the Symposium website:

<http://www.nls30.com>

Registration

Sr. No.	Category	Registration Fee
1	Local Delegates (Physical)	1500/-
2	Outside delegates (online)	500/-
3	Students (online)	100/-

Registration is compulsory for authors presenting papers and thesis.

For payment of registration fee, please visit NLS-30 website (<https://www.nls30.com>). Registration fee will be accepted through electronic bank transfer in NLS-30 account. Bank details are as follows.

Bank Name: SBI
Bank Branch: BARC, Trombay, Mumbai
Account Name: NLS-30
Account No: 0040505004414
IFSC Code: SBIN0001268

Accommodation

No accommodation will be provided as symposium will be online mode for the outside delegates.