

National Advisory Committee

- Aswal, D. K. NPL, Delhi
- Basu, S. DAE, Mumbai
- Bhaduri, A. K. IGCAR, Kalpakkam
- Bhattacharyya, K. ISER, Bhopal
- Bhawalkar, D. D. Indore
- Gupta, P. D. HBNI, Mumbai
- Gupta, P. K. IISER, Bhopal
- Lionel, B. IRDE, Dehradun
- Manna, I. IIT, Kanpur
- Mathur, D. TIFR, Mumbai
- Mujeeb, A. CUSAT, Kochi
- Muraleedharan, K. CGCRI, Kolkata
- Naik, P. A. RRCAT, Indore
- Nath, A. K. IIT, Kharagpur
- Rama Rao, P. BRNS, Hyderabad
- Rao, D. N. UoH, Hyderabad
- Rao, G. N. LEOS, Bengaluru
- Ravindra Kumar, G. TIFR, Mumbai
- Roy, Amitava VECC, Kolkata
- Sahoo, N. K. BARC, Mumbai
- Sharma, R. K. SSPL, Delhi
- Sharma, S. K. NPCIL, Mumbai
- Sarkar, S.K. SPPU, Pune
- Srivastava, H. B. LASTEC, Delhi
- Singh, B. P. IIT, Mumbai
- Sood, A. K. IISc, Bengaluru
- Thyagrajan, K. IIT, Delhi
- Umapathy, S. IISc, Bengaluru
- Vyas, K. N. BARC, Mumbai

Symposium Organizing Committee

- Vyas, K. N. Chairman - BARC, Mumbai
- Rajawat, R. K. Co-Chairman - BARC, Mumbai
- Ray, Alok K. Convener - BARC, Mumbai
- Rawat, V. S. Secretary (Scientific) - BARC, Mumbai
- Kawade, N. O. Secretary (Organizing) - BARC, Mumbai
- Jain Rajiv NLS Webmaster - RRCAT, Indore
- Kumar, Manoj General Secretary, ILA
- Arya, Rajesh RRCAT, Indore
- Bhowmick, G. K. BARC, Mumbai
- Bindra, K. S. RRCAT, Indore
- Bisht, P. B. IIT, Chennai
- Chari, R. RRCAT, Indore
- Dalal, D. K. ATC, BRNS
- Das, S. K. KIIT Univ., Bhubaneswar
- Datta, P. K. IIT, Kharagpur
- Dixit, S.K. RRCAT, Indore
- Jayasankar, C. K. SVU, Tirupati
- Jha, S.N. ATC, BRNS
- Joseph, Joby IIT, Delhi
- Joshi, A.S. RRCAT, Indore
- Khare, Alika IIT, Guwahati
- Krishnamurthy, M. TIFR, Mumbai
- Kumar, Shailesh BARC, Mumbai
- Kundu, T. IIT, Mumbai
- Moorthy Babu, S. Anna Univ., Chennai
- Naik, P. D. BARC, Mumbai
- Nakhe, S. V. RRCAT, Indore
- Ramachandran, H. RRI, Bengaluru
- Razdan, A. K. LASTEC, Delhi
- Santhosh, C. MIT, Manipal
- Sanyal, D. N. NPCIL, Mumbai
- Sen, Ranjan CGCRI, Kolkata
- Singh, B. RRCAT, Indore
- Sinha, Sucharita BARC, Mumbai
- Tata, B. V. R. UoH, Hyderabad
- VasDev BARC, Mumbai
- Vijaya, R. IIT, Kanpur



**26th DAE – BRNS
National Laser Symposium
December 20 – 23, 2017**

Sponsored by

In Collaboration with



Board of Research
in Nuclear Sciences

Indian Laser
Association

Local Organizing Committee

- Ray, Alok K. Convener - BARC, Mumbai
- Rawat, V. S. Secretary (Scientific) - BARC, Mumbai
- Kawade, N. O. Secretary (Organizing) - BARC, Mumbai
- Bhargava, P. Treasurer, ILA
- Chuarasia, S. BARC, Mumbai
- Das, R.C. BARC, Mumbai
- Deb, P. BARC, Mumbai
- Dikshit, B. BARC, Mumbai
- Goswami, B. K. BARC, Mumbai
- Joshi, M. BARC, Mumbai
- Kumar, A. BARC, Tarapur
- Kundu, S. BARC, Mumbai
- Majumder, A. BARC, Mumbai
- Mishra, K. K. BARC, Mumbai
- Mukherjee, J. BARC, Mumbai
- Nakhate, S. G. BARC, Mumbai
- Nayak, A. K. BARC, Mumbai
- Nilaya, J. P. BARC, Mumbai
- Pradhan, S. BARC, Mumbai
- Pulhani, A. K. BARC, Mumbai
- Rao, S. BARC, Mumbai
- Rath, A. D. BARC, Mumbai
- Rawat, A. S. BARC, Mumbai
- Sahu, G. K. BARC, Mumbai
- Sanyal, D. N. NPCIL, Mumbai
- Sethi, S. BARC, Mumbai
- Shah, M.L. BARC, Mumbai
- Sridhar, G. BARC, Mumbai

Addresses For Correspondence

Dr. Alok K. Ray
Convener
BARC, Mumbai – 400 085
Phone: 022 – 2559 5017
Email: secretarynls26@gmail.com

Dr. V. S. Rawat
Scientific Secretary
BARC, Mumbai – 400 085
Phone: 022 – 2559 5694
Email: secretarynls26@gmail.com

Shri Nitin Kawade
Organizing Secretary
BARC, Mumbai – 400 085
Phone: 022 – 2559 5068
Email: secretarynls26@gmail.com

For ILA Short Courses
Dr. Manoj Kumar
General Secretary-ILA
RRCAT, Indore – 452013
Phone: 0731 – 2488388
Email: gmanoj@rrcat.gov.in



**Bhabha Atomic Research Centre
Mumbai**

<http://www.ila.org.in/nls26>

Venue

Anushaktinagar, is located at Trombay in the north-eastern part of the Mumbai city, which is well connected to the other parts of India and to the rest of the world. Participants arriving by train should alight at Dadar, Mumbai Central, Mumbai CST, Kurla LTT, or Bandra Terminus. Those travelling by flights will arrive at Chhatrapati Shivaji Maharaj International airport. Anushaktinagar is about 30 km from Mumbai CST and less than 30 km from the other terminals, and about 20 km from the international airport. Delegates coming by flights are advised to take taxi from pre-paid taxi service windows at the airports. Anushaktinagar is also approachable by the harbour branch of local trains. Those availing the local train should alight at Mankhurd and take auto rickshaw from there for reaching the guest house located in Anushaktinagar.

Paper Submission

Authors are requested to submit a full-length manuscript in the specified format by **August 25, 2017**, as per the guidelines and instructions provided in the NLS-26 website. Use MS word 2007 or higher version in '.doc' 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 should also be submitted.

Ph.D. students who have submitted their thesis in the topics of interest of the symposium, or expect to submit the thesis by **October 31, 2017**, and those who have been awarded Ph.D. degree after **January 1, 2017**, are eligible for thesis presentation. Those interested should send a four-page summary of their thesis by **August 25, 2017** along with a certificate from their Ph.D. guide specifying the date of submission of thesis or award of the degree.

A 'Book of Abstracts' containing abstracts of peer reviewed contributed papers, invited talks, and thesis summaries, and a CD containing full manuscripts, will be made available to the participants during the symposium. A poster board of area of 1m x 1m will be provided for each poster presentation. The invited talks, papers selected for the "Best Poster Award", and articles based on the work of "Best Thesis Award", will be published in Kiran, the ILA Newsletter.

Important Dates



Symposium Overview

The 26th National Laser Symposium (NLS-26) will be held at Bhabha Atomic Research Centre, Mumbai during **December 20 - 23, 2017**. 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. The symposium will cover frontline research in basic laser physics, as well as significant advances in development and application of laser technology in several disciplines of science. Apart from invited talks by leading experts, the symposium will include poster presentations of contributed papers and Ph.D. thesis presentations in the related research areas. The 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-26, will organize a few short tutorial courses on **December 18 - 19, 2017** at the Symposium venue. 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 be held. ILA is also organizing an industrial exhibition for lasers and related products during NLS-26.

For updates on NLS-26, ILA courses and exhibition, please visit the Symposium website:

<http://www.ila.org.in/nls26>

Registration

Sr. No.	Category	Registration Fee
1	Students	₹ 800/-
2	Delegates from educational institutes and government organizations	₹ 2,500/-
3	Delegates from public sector undertakings and industries	₹ 5,000/-

For payment of registration and accommodation fee, please visit NLS-26 website. Registration fee and accommodation advance will be accepted through electronic bank transfer in NLS-26 account. Bank details will be communicated to approved participants.

Accommodation

Effort will be made to provide shared hostel accommodation to the student participants. Since the accommodation at BARC Guest House is rather limited, most of the outstation participants will be accommodated in hotels in single/sharing (AC/ non-AC) rooms. Choice of the room partner may be provided by the registered participants on the NLS-26 website while booking the accommodation. For more details about the hotels, please visit the NLS-26 website.

All participants should upload the accommodation request on the NLS-26 website. One day room rent should be sent as an advance for the booking of hotel accommodation. Please note that accommodation in hotels would be booked only after receipt of an advance deposit.

Financial Assistance

Financial assistance towards local hospitality and travel by train (sleeper class) by the shortest route can be provided to a limited number of deserving students. Applications for the assistance with a letter of recommendation from research guide / Head of the Department and addressed to the Convener, NLS-26 should reach him on or before **November 7, 2017**.