

Symposium Overview

The seventh DAE-BRNS National Laser Symposium sponsored by the Board of Research in Nuclear Sciences, Department of Atomic Energy, will be held at M.S. University of Baroda, Vadodara during December 17 to 20, 2007. The symposium will include plenary talks on recent developments in physics, technology and applications of lasers, invited and contributed presentations by leading experts and young researchers and Ph.D. thesis presentations in the related research areas. The organizing committee of the symposium invites all research scientists, engineers and research students who are engaged in basic or applied research and applications in the broad area of lasers and related fields to participate in the deliberations of the symposium.

Topics of Interest:

1. Physics and Technology of Lasers.
2. Lasers in Nuclear Science and Technology.
3. Laser Materials, Devices and Components.
4. Quantum Optics.
5. Ultra-fast Lasers and Applications.
6. Nonlinear Optics.
7. Lasers in Material Science.
8. Tunable Lasers and Applications.
9. Laser Plasma Interaction.
10. Lasers in Industry, Defence and Space.
11. Lasers in Spectroscopy.
12. Lasers in Chemistry, Biology and Medicine.
13. Laser based Instrumentation.

The Indian Laser Association (ILA) will organize a couple of short tutorial courses on 15th and 16th December 2007. ILA will announce the details of this separately. ILA will also award prizes for the best thesis and poster presentations. The annual general body meeting of ILA will be held during this symposium. For updates of ILA courses and NLS-07 symposium visit www.ila.org.in/nls07/

Venue

The symposium is being organized at M.S. University of Baroda, Vadodara, Gujarat. Vadodara is about 100 km from Ahmedabad and 400 km from Mumbai. The weather in Vadodara during December is pleasant with day temperatures between 18–20°C. For further details visit www.msubaroda.ac.in

Manuscript Presentation

Authors willing to present their work are requested to send two hard copies of their manuscript by post and one by email as attachment, using MS Word 2000 or higher version. The length of the manuscript of contributed paper should be restricted to two pages (including figures, references etc.) and the thesis summary should be limited to four pages.

A short abstract should also be sent separately by e-mail only (as attachment using MS word 2000 or higher versions). Manuscripts and abstracts should be sent to:

Dr. Manoj Kumar, Secretary NLS – 07
Industrial CO₂ Laser Section
Raja Ramanna Centre for Advanced Technology
Indore-452 013.
E-mail: nls2007@cat.ernet.in

Guidelines for Preparing Manuscript and Abstract

1. The manuscript should be typed on paper size A4 (210 mm x 297 mm) leaving 25 mm margin on all sides, using *Times New Roman* font. Title of the paper should be bold in font size 12 (do not underline). Names of authors with initials should be typed in capitals one space below the title in font size 10. It should be followed by affiliation and e-mail address of the corresponding author. All matter should be centered. The text should start two spaces below the address (normal font size 10, justified in 1.5 line spacing).
2. Figures and Tables should be suitably reduced and placed at appropriate places with numbers and captions below them.
3. References should be given in the text as superscripts, numbered according to their occurrences (e.g. 1,2,3 etc) and listed at the end, leaving two lines after text.

Short Abstract: Title, author's name, affiliation and the text should be typed continuously without any linebreaks in *Times New Roman*, font size 10, single line spacing, on paper size A4 with 25 mm margin on both sides. Title should be in bold letters, names of authors and affiliation should be in italics and text - in regular font. The total abstract must be restricted to seven lines. **Please adhere to these guidelines.**

Time Schedule (Last Dates)

Receipt of manuscript: September 17, 2007

Intimation of acceptance: October 31, 2007

Submission of registration form: November 7, 2007.

Proceedings

A hard copy of abstracts of the accepted papers and a CD containing full manuscripts will be made available to the participants during the symposium.

Presentation Facilities

An area of 1 m x 1 m will be provided for each poster presentation.

Accommodation

All the participants will be accommodated in guest houses/hotels in shared rooms. Family accommodation may not be available in the guest houses.

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 for whom the institute of affiliation is unable to pay. Application for assistance must be accompanied with recommendation of research guide.

Registration fee and Intimation of Participation

Category	Fee
I. Students	Rs. 200/-
II. Delegates from educational Institutes & Govt. organizations	Rs. 500/-
III. Delegates from public sector Undertakings & Industries	Rs.800/-

Registration fee is payable by DD favoring "National Laser Symposium – 07" payable at Vadodara. The DD along with the Registration form should reach the Co-convenor at M.S. University of Baroda, Vadodara (Address is given on the back side of registration form) **on or before November 7, 2007.**

For updates visit NLS-07 website

www.ila.org.in/nls07/

www.cat.ernet.in/symposiums/conf/

SEVENTH DAE-BRNS NATIONAL LASER SYMPOSIUM (NLS-07)

December 17-20, 2007

Registration Form

(Please strike out whatever is not applicable)

Name (in Capital) : _____
(Last Name) (Initials)

Sex : Male / Female

Designation : _____
(Prof./Reader/Lecturer/Sci.Off./R.A./Student etc)

Registration Fee Category: I / II / III

Address : _____

Pin Code : _____

Tel. : _____

Fax.: _____

E-mail. _____

Proposed Contribution: Thesis / Contributory Paper / Exhibition / Only participation

Financial Assistance* : Full/Partial / Not required

Accommodation Required : Single, Single (Twin Sharing)/Family/ Not required

Accommodation Required from Dec. ___ to ___, 2007.

Please note: Hotel charge for a double occupancy room will be about Rs. 350/- per head per day; charges for a single occupancy room will be about Rs. 750/- per day.

Date _____ Signature: _____

Please note:

1. Hotel charge for a double occupancy room will be about Rs. 350/- per head per day; charges for a single occupancy room will be about Rs. 750/- per day.

2. The duly filled & signed registration form along with the DD should reach the Co-Convenor at M.S. University of Baroda, Vadodara on or before November 7, 2007.

3. For additional copies, please photocopy this form

*Can be provided to very limited number of deserving students only, for whom the institute of affiliation is unable to pay. Please attach recommendation letter from your guide.

Kindly mail this form along with DD to:

Prof. V.N. Potbhare,
Co-Convenor, NLS-07
Applied Physics Department
Faculty of Technology and Engineering
M.S. University of Baroda
Vadodara, 390001, Gujarat

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Manoj Kumar	Secretary RRCAT, Indore
Panchal C J	Co-Secretary M.S. Univ., Vadodara

For ILA Courses : Sh. S.V. Nakhe, Secretary ILA,
Scientific Officer, LSED, RRCAT, Indore 452 013
Email : nakhe@cat.ernet.in
Ph : 0731-244 2409 (O), 2487307 (R)

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December 17 - 20, 2007

Organized at

Applied Physics Department
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M.S. University of Baroda
Vadodara, Gujarat.



In Collaboration with
Indian Laser Association

Sponsored by
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