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Dr. K. T. R. Reddy, SVU, Tirupati

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Verma, Sunil	RRCAT, Indore
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Jayasankar, C. K.	SVU, Tirupati (Co-Convener)
Reddy, K. T. R.	SVU, Tirupati (Co-Secretary)

To,

**DAE-BRNS  
NATIONAL LASER SYMPOSIUM-23**



**NLS-23**



December 3 - 6, 2014

Organized by :

Department of Physics  
Sri Venkateswara University, Tirupati 517 502  
Andhra Pradesh, India



In Collaboration with  
Indian Laser Association



Sponsored by  
Board of Research in Nuclear Sciences  
Department of Atomic Energy  
Government of India

Website : <http://www.ila.org.in/nls23>

**Symposium Overview**

The 23<sup>rd</sup> National Laser Symposium and 14<sup>th</sup> in a series sponsored by the Board of Research in Nuclear Sciences of the Department of Atomic Energy, will be organized in collaboration with ILA and Sri Venkateswara University, Tirupati, during **December 3-6, 2014**. The NLS aims to create a platform for budding researchers in laser physics and technology to interact with eminent scientists in the field. The symposium will have invited talks by leading experts, poster presentation of contributed papers and thesis presentation by Ph.D. students.

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 and Technology
- Laser Materials, Devices and Components
- Non-linear, Quantum and Atom Optics
- Ultrafast Lasers and Applications
- Lasers in Material Science
- Laser Plasma Interaction
- Lasers in Industry and Defense
- Laser Spectroscopy and Applications
- Lasers in Chemistry, Biology & Medicine
- Laser Based Instrumentation
- Electronics and Instrumentation for Lasers

**ILA Courses**

The Indian Laser Association (ILA), the co-organizer of NLS-23, will organize short tutorial courses on December 1-2, 2014 at the conference 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 also be held during the symposium.

For updates of NLS-23 and ILA courses please visit the symposium website <http://www.ila.org.in/nls23>

**Important Dates**

- Paper submission deadline : **August 31, 2014**
- Thesis summary submission : **August 31, 2014**  
deadline
- Intimation of paper/ thesis : **September 30, 2014**  
acceptance
- Last date for registration : **October 15, 2014**
- Last date for accommodation : **October 31, 2014**  
request

**Paper Submission**

Authors are requested to submit a full-length manuscript in the specified format by **August 31, 2014**, as per the guidelines and instructions provided in the NLS-23 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 be submitted as well.

Ph.D. students who have submitted their theses in the topics of interest of the symposium, or expect to submit the thesis by **October 31, 2014**, and those who have been awarded Ph.D. degree after **January 1, 2014**, are eligible for thesis presentation. Those interested should send a four-page summary of their thesis by **August 31, 2014** 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 Paper Award", and articles based on the work of "Best Thesis Award", will be published in Kiran, the ILA Newsletter.

**Venue of the Symposium**

The symposium is being organized at Tirupati, Andhra Pradesh, with Sri Venkateswara University. The university was established in 1954, in world famous temple town of Tirupati on a sprawling campus of 1000 acres with a panoramic and pleasant hill view. It stands as a testimony to the wisdom and foresight of great visionaries late Sri Tanguturi Prakasam Pantulu, the then chief minister of A.P. and late Shri Neelam Sanjeeva Reddy, to cater to the educational needs and aspirations of the people of Rayalaseema area. With a great wisdom, the founder of this university have rightly coined the motto "Wisdom lies in proper perspective for it". As an academic institution, the university has gone through greater strides in acquiring the necessary modern sophisticated instrumentation for the state of art research programs.

The weather at Tirupati during December (winter) is quite pleasant. A light sweater may be required.

The ILA courses will be organized in Sri Venkateswara University and the symposium will be organized at a different location in the Tirupati city. The information about this will be uploaded on the web site upon finalization.

The Industrial Exhibition related to lasers will also be organized by ILA at the symposium venue.

**Accommodation**

Hotel accommodation on double sharing basis will be provided to the student participants. Other 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-23 web site while booking the accommodation. For more details about the hotels, please visit the NLS-23 website. All accommodation requests should be uploaded on the NLS-23 web site. Please note that accommodation in hotels would be provided only after receipt of an advance deposit.

Sl. No.	Hotel Accommodation Type	Charges per day
I	Double sharing non-AC (per person) [for students only]	₹ 175/-
II	Sharing room AC (Twin Bed) (Charges per room)	₹ 3,300/-
III	Single room AC (Standard) (Charges per room)	₹ 3,000/-
IV	Single room AC (Club)	₹ 4,500/-
V	Single room AC (Superior)	₹ 5,000/-

All above charges are approximate and do not include applicable taxes. Check the symposium website at the time of booking for the details.

**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-23 should reach him on or before 7<sup>th</sup> November 2014.

**Registration Fee and Procedure**

Sl. No	Category	Registration fee
I	Students	₹ 800 /-
II	Delegates from Educational Institutes & Govt. Organizations	₹ 2,500 /-
III	Delegates from Public Sector Undertakings & Industries	₹ 5,000 /-

For payment of registration and accommodation fee please see the details on the NLS-23 website.

Registration fee and advance amount for accommodation booking will be accepted through electronic bank transfer in NLS-23 account. Details will be available on the website.

