



The Abdus Salam
International Centre
for Theoretical Physics
50th Anniversary 1964 - 2014



LT-PYRKAL

2nd International Symposium on Optics and its Applications 1 - 5 September 2014 Yerevan-Ashtarak, Armenia

The Abdus Salam International Centre for Theoretical Physics (ICTP), in collaboration with the International Commission for Optics (ICO), the Russian-Armenian (Slavonic) University (RAU), the Institute for Physical Research of NAS (IPR of NAS), the LT-Pyrkal cjsc, and the faculty of Physics of Yerevan State University (YSU) will organize the 2nd International Symposium on Optics & its Applications (OPTICS-2014), which will be held at Yerevan and Ashtarak, Armenia, from 1 to 5 September, 2014.

PURPOSE OF THE SYMPOSIUM

This scientific event will provide good opportunity for optics & photonics field scientists and industrial companies for information exchange. The objective of this symposium is to bring together leading specialists and young scientists working on various aspects of optics, to discuss the most recent developments in that area.

OPTICS-2014 will combine: invited plenary lectures, sectional reports, presentations of young scientists (there will be special awards from the SPIE Armenian Students Chapter for the best student's contributions), poster presentations, laboratory tours, exhibition and excursion.

DIRECTORS:

Gagik Buniatyan (LT-PYRKAL, Armenia)
Maria L. Calvo (Universidad Complutense de Madrid, Spain)
Narine Gevorgyan (RAU, Armenia / ICTP, Italy)
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Aram Papoyan (IPR of NAS, Armenia)
Hayk Sarkisyan (RAU, Armenia / YSU, Armenia)

COORDINATOR:

Paytsar Mantashyan (IPR of NAS, Armenia)

TOPICS:

Optical properties of nanostructures
Quantum optics & information
Singular optics and its applications
Laser spectroscopy
Strong field optics
Nonlinear & ultrafast optics
Photonics & fiber optics
Optics of liquid crystals
Mathematical methods in optics

PARTICIPATION

Scientists and students from all countries that are members of the United Nations, UNESCO or IAEA may attend the Symposium. As this activity will be conducted in English, participants must have an adequate working knowledge of this language. Although the main purpose of ICTP is to help scientists from developing nations through a programme of training activities within a framework of international cooperation, applicants from developed countries who would equally benefit from the Symposium are also welcome to attend. As a rule, travel and subsistence expenses of the participants should be borne by their home institutions. However, limited funds will be available to support some participants, who are nationals of, and working in, a developing country and who are not more than 45 years old, to be selected by the Organizers. Every effort should be made by candidates to secure support for their fare from their home country. It is stressed that participants whose travel expenses are paid by ICTP are required to attend the entire course. There is no registration fee for attending the Symposium.

HOW TO APPLY FOR PARTICIPATION

Application forms for the Symposium and agenda can be found at the activity website on the Web server of ICTP at: http://cdsagenda5.ictp.it/full_display.php?agenda_id=4359. Once in the website, comprehensive instructions will guide you step-by-step, on how to fill out and **submit online** the application form **not later than 1 May 2014**.

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January 2014



**CO-ORGANIZING
STUDENT CHAPTERS:**
the YSU & NAS SPIE Armenian
Student Chapter, and the BMSTU
SPIE & OSA Student Chapters

INVITED SPEAKERS:

Alber Gernot, Germany
Baldiotti Mario, Brazil
Bellucci Stefano, Italy
Bergou Janos, USA
Berry Michael, UK
Bhattacharjee Aranya, India
Blaschke David, Poland/Russia
Bliokh Konstantin,
Japan/Ukraine
Cabrera Humberto, Venezuela
Calvo Maria L., Spain
Cowan Thomas, Germany
Duque Carlos, Colombia
Ekers Aigars, Latvia
Guzman Angela, USA
Hatsagortsyan Karen, Germany
Kavokin Alexey, UK
Khvedelidze Arsen, Georgia
Machnikowski Pawel, Poland
Manko Vladimir, Russia
Niemela Joseph, Italy
Pandey Avinash, India
Petrosyan David, Greece
Ponce Luis, Mexico
Reinholz Fred, Germany
Reinholz Heidi, Germany
Rhodes William T., USA
Ruhl Hartmut, Germany
Scrinzi Armin, Germany
Shahbazyan Tigran, USA
Svanberg Katarina*, Sweden
Svanberg Sune*, Sweden
von Bally Gert, Germany
Zadryan Ruben, USA

*to be confirmed

DEADLINE
1 MAY 2014

its applications