



IONS® Balvanyos 2017

International OSA Network of Students

25-28 July

Photo captured by Silviu Hudini
Logo designed by Hunor Oláh

2nd Announcement



Dear colleagues,

On behalf of the OSA and SPIE Student Chapters, as well as the EPS Young Minds Section of the National Institute for Laser, Plasma and Radiation Physics (INFLPR), we are pleased to invite you to Balvanyos, Romania, to attend IONS Balvanyos 2017 conference, held between 25-28 July 2017.

Balvanyos, a geographically unique and vibrant resort in the heart of Transylvania's Carpathian Mountains, is waiting to enchant you with its breathtaking landscapes. The resort is also known for Lake Saint Ana, the only volcanic lake in Romania. Attendees will have the chance to experience the mystery of the lake's legend, from which its name derives.

IONS Balvanyos conference is granted by the International OSA Network of Students (IONS®) program, organized for the first time in Romania with the support of The Optical Society (OSA), The International Society for Optics and Photonics (SPIE), the Young Minds Project of the European Physical Society (EPS), and INFLPR. IONS Balvanyos 2017 is going to be co-hosted by the Institute of Radiophysics and Electronics (IRE) OSA Student Chapter, Kharkiv, Ukraine.

Our aim is to bring together MSc and PhD students, as well as postdoctoral fellows carrying out research in the field of optics and photonics in Romania, Ukraine and the world, thus providing the environment required for sharing and promoting their scientific results and exchanging ideas whilst facilitating networking with their peers, young and senior scientists.

We scheduled student technical talks and poster presentations, lectures of distinguished plenary and invited speakers as well as social activities.

IONS Balvanyos 2017 includes a broad variety of topics, such as:

- Laser and Ultrafast Phenomena
- Optics, Photonics and Optoelectronics
- Micro- and Nanotechnologies
- Advanced Materials and Thin Films
- Lasers in Life Sciences
- Quantum Computing and Information
- Laser Cooling and Atom Trapping
- Plasma Physics and Applications

ORGANIZERS



ORGANIZING CHAPTER COMMITTEE

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Bogdan CĂLIN
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Irina NEGUȚ
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CO-HOSTING CHAPTER COMMITTEE

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Anna GERUS
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Nataliia MYSKO-KRUTIK
Eugene PETRENKO
Sergii POPEREZHAI

SCIENTIFIC COMMITTEE

| | |
|---------------------|--|
| Ștefan ANTOHE | Dean of Faculty of Physics, University of Bucharest |
| Traian DASCĂLU | General Director of INFLPR |
| Gheorghe DINESCU | Head of Plasma Processes, Materials and Surfaces Laboratory, INFLPR |
| Maria DINESCU | Head of Photonic Processing of Advanced Materials Laboratory, INFLPR |
| Ion MIHĂILESCU | Head of Laser-Surface-Plasma Interactions Laboratory, INFLPR |
| Mihail Lucian PASCU | Head of Laser Spectroscopy Laboratory, INFLPR |
| Nicolaie PAVEL | Head of Solid-State Quantum Electronics Laboratory, INFLPR |
| Adrian PETRIȘ | INFLPR OSA Student Chapter Advisor |
| Gabriel SOCOL | Head of Laser Department, INFLPR |
| Angela STAIUCU | Institute for Atomic Physics SPIE Student Chapter Advisor |
| Cătălin TICOȘ | Head of Accelerators Department, INFLPR |
| Ion TISEANU | Scientific Director of INFLPR |
| Valentin VLAD | President of the Romanian Academy |
| Marian ZAMFIRESCU | Head of Center for Advanced Laser Technologies (CETAL), INFLPR |

SPONSORS



BOOK OF ABSTRACTS

A Book of Abstracts of IONS Balvanyos 2017 will be published. Two basic types of presentations are accepted, with the observation that one attendee may contribute with both, oral and poster presentations. Authors are kindly requested to submit one page abstract until the 19th of May 2017, by using the template provided on the official website <http://ionsbalvanyos.osahost.org/registration/>. The abstract(s) can be sent to ionsbalvanyos@gmail.com.

The time allowed for different talks is expected to be:

- Plenary Lecture (60 min, including discussions)
- Invited Lecture (25 min + 5 min discussions)
- Oral Presentation (12 min + 3 min discussions)
- Poster Session (60-120 min)

PLENARY SPEAKERS

| | |
|----------------|--|
| Scott Diddams | Optical Frequency Measurements Group, NIST |
| Marcus Motzkus | Motzkus Group, Institute of Physical Chemistry, Universität Heidelberg |

INVITED SPEAKERS

IONS Balvanyos 2017 will host distinguished local Invited Speakers.

PROFESSIONAL DEVELOPMENT SPEAKER

| | |
|-------------------|--|
| Mariia Pashchenko | OSA Ambassador / Institute of Physics of the Czech Academy of Sciences |
|-------------------|--|

CHAPTER/SECTION MANAGEMENT SPEAKER

| | |
|----------------|--|
| Terence Rooney | Manager – Students and Early-Career Professionals, OSA |
| Roberta Caruso | EPS YM Project Board Member / Università di Napoli Federico II |

ACCOMMODATION

IONS Balvanyos 2017 will be hosted at Grand Hotel Balvanyos (<http://balvanyosresort.ro/en/>), Balvanyos, Transylvania, Romania. Conference attendees get a special deal at Grand Hotel Balvanyos. Full accommodation prices for different room-types are as follows:

- 67 EUR/night/person – Single Standard
- 72 EUR/night/person – Single Superior
- 81 EUR/night/person – Double Standard
- 91 EUR/night/person – Double Superior
- 55 EUR/night/person – Extra Bed

How to get to the venue?

Participants are requested to book their flights to Bucharest Henri Coandă International Airport. Situated 16.5 km North of Bucharest center, Henri Coandă International Airport is the largest Romanian airport, serving 67 external and 9 domestic destinations.

Once arrived to the airport, attendees will be picked up and transported directly to the conference venue. Both, international and national attendees will benefit of transit services (**Please opt in the Registration Form whether you require or not transport to the venue!**) The journey will take approximately 3 and a half hours. The landscape on the way is magnificent, so the kilometers/miles shouldn't discourage you!

REGISTRATION FEE

The registration fee covers:

- Participation at all sessions
- Conference materials
- Book of abstracts
- Coffee breaks
- Social activities (welcome party, BBQ, field trip)

| Deadline | OSA/SPIE/EPS Membership | Non-Membership |
|-------------------------------------|-------------------------|----------------|
| Before 9 th of June 2017 | 75 EUR | 100 EUR |
| After 9 th of June 2017 | 100 EUR | 125 EUR |

Registration fee exemptions are available for students, please contact us regarding the details!

The registration fee can be paid by bank transfer to the following account:

Bank: BCR, Branch Unirea 43-45, ROMANIA

Beneficiary: I.N.F.L.P.R. RA

SWIFT CODE: RNCBROBU

IBAN Code: RO49RNCB0082044172650168 (EUR)

IBAN Code: RO76RNCB0082044172650167 (RON)

Please specify "IONSBALVANYOS2017"!

Note: The fee for national attendees may be paid in the local currency.

DEADLINES

- 19th of May 2017 – Abstract Submission & Registration
- 2nd of June 2017 – Notification of Acceptance
- 9th of June 2017 – Early Bird Registration Fee Payment
- 16th of June 2017 – Registration Fee Payment
- 3rd of July 2017 – Final Program

WHERE TO FIND US

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Măgurele, Ilfov

Romania

+40-21-4574550

Contact us at ionsbalvanyos@inflpr.ro or ionsbalvanyos@gmail.com!

More detailed information and updates are available on the conference website:
<http://ionsbalvanyos.osahost.org>.

As Chair, Co-Chair and Advisors of IONS Balvanyos 2017, we promise a memorable conference with high quality scientific program, opportunities to meet and discuss, as well as a truly enjoyable woodland experience. Therefore, we warmly invite you to participate at IONS Balvanyos 2017 and we look forward to seeing you at Balvanyos!

Chair
Ágota SIMON

Co-Chair
Nataliia MYSKO-KRUTIK

Advisors
Angela STAIKU
Adrian PETRIŞ
Sergey TARAPOV