



27th Summer School and International Symposium on the Physics of Ionized Gases

August 26-29, 2014, Belgrade, Serbia

FINAL ANNOUNCEMENT



You are cordially invited to participate in the 27th Summer School and International Symposium on the Physics of Ionized Gases (SPIG 2014). The 27th SPIG 2014 is organized by the Institute of Physics, Belgrade, University of Belgrade, Serbia in collaboration with the Serbian Academy of Sciences and Arts, under the auspices and with the support of the Ministry of Education, Science and Technological Development, Republic of Serbia. The conference is held in Belgrade, Serbia, August 26-29, 2014 at the Serbian Academy of Sciences and Arts.

ORGANIZERS



Institute of Physics, Belgrade
University of Belgrade



Serbian Academy of
Sciences and Arts



Ministry of Education,
Science and Technological Development
Republic of Serbia

TOPICS

Section 1.

ATOMIC COLLISION PROCESSES

- 1.1. Electron and Photon Interactions with Atomic Particles
- 1.2. Heavy Particle Collisions
- 1.3. Swarms and Transport Phenomena

Section 2.

PARTICLE AND LASER BEAM INTERACTION WITH SOLIDS

- 2.1. Atomic Collisions in Solids
- 2.2. Sputtering and Deposition
- 2.3. Laser and Plasma Interaction with Surfaces

Section 3.

LOW TEMPERATURE PLASMAS

- 3.1. Plasma Spectroscopy and Other Diagnostic Methods
- 3.2. Gas Discharges
- 3.3. Plasma Applications and Devices

Section 4.

GENERAL PLASMAS

- 4.1. Fusion Plasmas
- 4.2. Astrophysical Plasmas
- 4.3. Collective Phenomena

SCIENTIFIC PROGRAMME

The Conference features Invited Lectures (45 min), Topical Invited Lectures (30 min), Progress Reports (20 min) and poster presentation. Additionally, the 27th SPIG encompasses three workshops that are closely related to the conference topics: the workshop on Dissociative Electron Attachment (DEA), the workshop on X-ray Interaction with Biomolecules in Gas Phase (XiBiGP) and the 3rd International Workshop on Non-Equilibrium Processes (NonEqProc). Contributed papers are to be presented in two poster sessions. The poster session will take place in the Gallery of Sciences and Arts, Serbian Academy of Sciences and Arts (Đure Jakšića 2, Belgrade).

LIST OF SPEAKERS

PLENARY LECTURES

Friedrich Aumayr (AT)
Dževad Belkić (SE)
Michael Brunger (AU)
David Cassidy (UK)
Alessandro De Giacomo (IT)
Alexander Fridman (US)
Akio Komori (JP)
George Naidis (RU)
Predrag Ranitović (US)
Jack Sulentic (ES)
Petra Swiderek (DE)

TOPICAL LECTURES

Luís Alves (PT)
Ilko Bald (DE)
Stephen Buckman (AU)
Gheorghe Dinescu (RO)
David Duday (LU)
Albert R. Ellingboe (IE)
Gustavo Garcia (FR)
Jimena Gorfinkiel (UK)
Atsushi M. Ito (JP)
František Krčma (CZ)
Kinga Kutasi (HU)
Branko Predojević (BA)
Milan Šimek (CZ)
Fumiyoshi Tochikubo (JP)
Janko Žabka (CZ)

PROGRESS REPORTS

Danko Bošnjaković (RS)
Marko Cvejić (RS)
Marcin Dampc (UK)
Felipe Ferreira da Silva (PT)
Aranka Derzsi (HU)
Radmila Janečkova (CH)
Aleksandar Jovanović (RS)
Jovica Jovović (RS)
Ita Junkar (SI)
Andrei Klyucharev (RU)
Sylvain Maclot (FR)
Jelena Maljković (RS)
Srdjan Marjanović (RS)
Nenad Milojević (RS)
Vadym Prysiazhnyi (BR)
Sylwia Ptasinska (US)
Maja Rabasović (RS)
Ivan Radović (RS)
Vladimir Srećković (RS)
Marjan Stankov (RS)
Dimitrios Stathopoulos (GR)
Rachel Thorman (US)
Sonja Vidojević (RS)
Károly Tókési (HU)



WORKSHOP ON X-RAY INTERACTION WITH
BIOMOLECULES IN GAS PHASE (XiBiGP)

Alexandre Giuliani (FR)
Edwin Kukk (FI)
Pascal Lablanquie (FR)
Kevin Prince (IT)
Thomas Schlathölter (NL)
Bernd Winter (DE)

THE 3rd INTERNATIONAL WORKSHOP
ON NON-EQUILIBRIUM PROCESSES
(NonEqProc)

Michael Allan (CH)
Karen Belkić (SE)
Thierry Belmonte (FR)
Jerome Bredin (UK)
Zoltan Donko (HU)
Nigel Mason (UK)
Svetlana Radovanov (US)
Milovan Šuvakov (RS)
Veljko Dmitrasinovic (RS)
Ron White (AU)

THE WORKSHOP ON DISSOCIATIVE
ELECTRON ATTACHMENT (DEA)

Roman Čurík (CZ)
Stephan Denifl (AT)
Juraj Fedor (CH)
Tom Field (UK)
Janina Kopyra (PL)
Peter Papp (SK)
Ewelina Szymanska (UK)
Matija Zlatar (RS)

COST Action CELINA Dedicated Lecture
Gustavo Garcia (ES)

SPIG 2014 COMMITTEES

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IOP POSTER PRIZE

We are pleased to announce that the IOP Publishing - Journal of Physics: Conference Series provides a 300 EUR grant for the SPIG 2014 Poster Prize to award a PhD student who has presented the best poster at the conference!

SOCIAL PROGRAM

Welcome Cocktail and concert will take place in the Gallery of Sciences and Arts, Serbian Academy of Sciences and Arts on Tuesday, August 26th 2014, from 19:30 to 22:00h.

Mini concert, Quartet "Full Harmony", Gallery of Sciences and Arts, Serbian Academy of Sciences and Arts, on Thursday, August 28th, 2014, 19:30h.

Conference Dinner will be held on Friday, 29th August 2014 at 20:30h at the restaurant "Amsterdam", Kej Oslobođenja bb, Zemun. Transportation to the restaurant is organized.

Conference Excursion will be organized on Saturday, 30th August, 2014. Two options are available:

- EXCURSION 1 /Belgrade walking tour/ Half - day

PRICE: 15 € per person

- EXCURSION 2 /Viminacium/ Half-day

PRICE: 40 € per person

All information can be obtained at the conference desk.

TRANSFER BOOKING

You can apply for an organized transfer from Belgrade Airport "Nikola Tesla" to your destination hotel (and back) by filling in booking form <http://www.spig2014.ipb.ac.rs/transfer.html>. You will have to provide flight details so we advise you to book transfer after you confirm flight ticket but also in due time before arrival.

We offer you car transfer with maximum number of passengers up to 3 persons. Please note that the price is given per vehicle for one direction.

Vehicle type Transfer Price (one way-per vehicle)

Car transfer (up to 3 persons) 25 €

Please note that the price is given per vehicle and by selecting number of passengers more than 1 you consent to find companion(s) for transfer on your own.

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IOP Conference Series

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