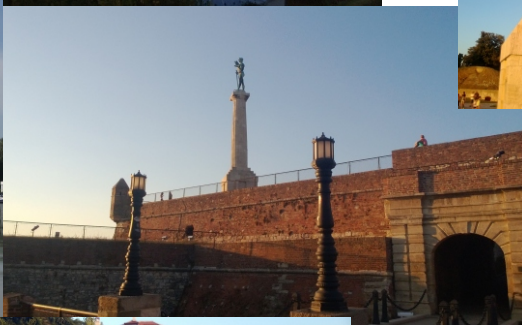
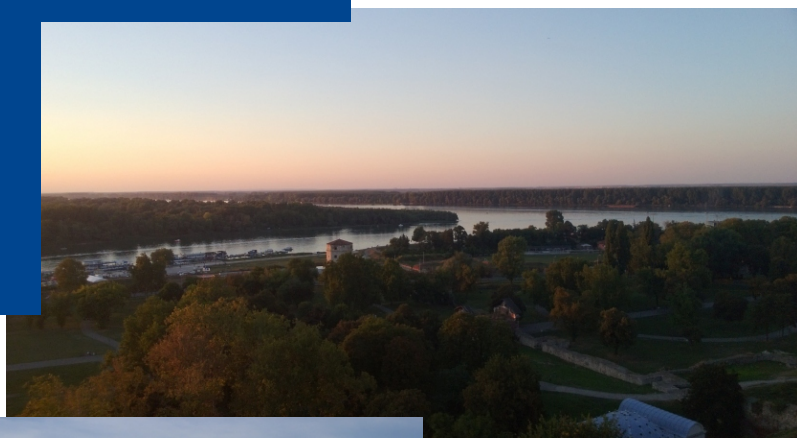




27th Summer School and International Symposium on the Physics of Ionized Gases

August 26-29, 2014, Belgrade, Serbia

FIRST ANNOUNCEMENT



You are cordially invited to participate in the 27th Summer School and International Symposium on the Physics of Ionized Gases (SPIG 2014) to be held in Belgrade, Serbia, August 26 - 29, 2014 at the Serbian Academy of Sciences and Arts.

The 27th SPIG follows a longtime tradition initiated more than 50 years ago. The conference covers a wide range of topics from fundamental studies to applications of ionized gases. There will be at least two workshops associated to the conference, organized on 25th and 26th of August. The program of the workshops will be announced.

ORGANIZERS



Institute of Physics
University of Belgrade



Serbian Academy
of Sciences and Arts

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

Program of the Conference will consist of Invited Lectures (45 min), Topical Invited Lectures (30 min), Progress Reports (20min) and Contributed Papers (poster presentations). The Proceedings of Contributed Papers with Abstracts of Invited Lectures and Progress reports will be published and will be available at the Conference, while the Book of Invited Lectures and Progress Reports will be published after the Conference. Contributed Papers will be refereed by the Scientific Committee. The official language of the conference is English.

CONFERENCE FEES

Type	Before March 15, 2014	After March 15, 2014
Regular	EUR 250	EUR 350
Students	EUR 200	EUR 250
Accompanying persons	EUR 50	EUR 80

Participants are strongly recommended to register as soon as possible and to make their payments via bank transfer. Details of bank account will be given on the Conference Web page. Exceptionally, registration could be possible at the site of the conference and the payment will be possible at the near-by post office or bank with the details provided at the registration desk. The registration fee will include conference proceedings and printed material, welcome party, coffee breaks, conference dinner and additional social program. For further information please visit the Conference Web page or send an e-mail to the organizers. All details about the preparation of Contributed Papers, Invited Lectures, Progress Reports, travel and accommodation will be given in the Second announcement and available on the conference webpage.

SCIENTIFIC COMMITTEE

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V. Guerra, Portugal
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Serbian Academy of Sciences and Arts

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K. Spasić
M. Ranković

DEADLINES

Early registration: 15/03/2014
Abstracts of Invited lectures and Contributed papers: 12/06/2014
Invited lectures manuscripts: 31/08/2014

CONTACT

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Dr. Nikola Škoro

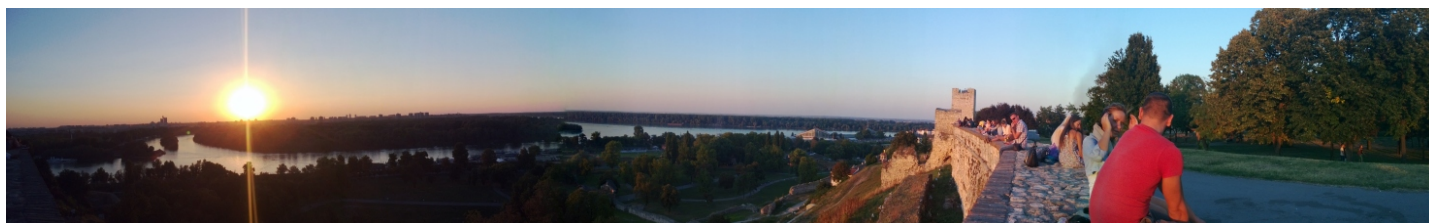
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ABOUT BELGRADE

Belgrade (Beograd-its name in Serbian translates to White City) is the capital and largest city of Serbia. The city is situated on the Balkan Peninsula at the confluence of the Sava and Danube rivers. With the population of around 2 million people it is one of the largest cities in Southeastern Europe. Also, it is one of the oldest cities in Europe. Its history lasts full 7000 years. The area around two great rivers, the Sava and the Danube has been inhabited as early as palaeolithic period. Since ancient times Belgrade has been an important focal point for traffic, an intersection of the roads of Eastern and Western Europe.



Today, Belgrade is the capital of Serbian culture, education, science and economy. It is arguably the most vibrant and interesting city in the Balkans. There are spots you must definitely see and feel. Streets, squares, monuments, parks, drinking fountains, archeological sites and other cultural assets that deserve recommendation. With impressive views over the Danube and Sava rivers, the Belgrade Fortress and the Kalemegdan Park together represent a cultural monument of exceptional importance, the area where various sport, cultural and arts events take place, and are fun and joy for all generations of Belgraders and numerous visitors of the city. Skadarlija, the old bohemian quarter of Belgrade dates back to late 19th and early 20th century. It was back then when its kafane (taverns and restaurants) were a meeting place for many of the greatest figures of the cultural scene of the period. It is often compared with the Montmartre in Paris, both for its appearance and the cheerful, vigorous artists' atmosphere. Belgrade is famous for its exciting night life. Wherever you go, you will be greeted by a positive vibe that will make you feel at home, as if among friends.