

FIRST ANNOUNCEMENT



29th Summer School and
International Symposium on
the Physics of Ionized Gases

Belgrade, Serbia (28.08. - 1.09. 2018.)



GENERAL INFORMATION

You are cordially invited to participate in the 29th Summer School and International Symposium on the Physics of Ionized Gases (SPIG 2018) to be held in Belgrade, Serbia, August 28th, September 1st, 2018. at the Serbian Academy of Sciences and Arts. The 29th SPIG is organized by the Vinča Institute of nuclear sciences, University of Belgrade, Belgrade, Serbia, in collaboration with the Serbian Academy of Sciences and Arts. The SPIG conference covers a wide range of topics from fundamental studies to applications of ionized gases. There will be a workshop associated to the conference. The program of the workshop will be announced.

ORGANIZERS



Vinča Institute of
Nuclear Sciences



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 is English.

CONFERENCE FEES

Type	Before April 1st, 2018	After April 1st, 2018
Regular	EUR 250	EUR 350
Students	EUR 200	EUR 250
Accompanying persons	EUR 50	EUR 80
Only Workshop (August 28th)	EUR 75	EUR 100

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 nearby 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 will be available on the conference web page.

SCIENTIFIC COMMITTEE

G. Poparić (Co-chair), Serbia
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J. Burgdörfer, Austria
J. Cvetić, Serbia
E. Danezis, Greece
Z. Donko, Hungary
V. Guerra, Portugal
D. Ilić, Serbia
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ORGANIZING COMMITTEE

Vinča Institute of Nuclear Sciences
Serbian Academy of Sciences and Arts

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DEADLINES Early registration: 01/04/2018
Abstracts of Invited lectures and Contributed papers: 01/06/2018
Invited lectures manuscripts: 30/11/2018

CONTACT

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ABOUT BELGRADE

Belgrade (Beograd-its name in Serbian translates to White City) is the capital and the largest city in Serbia having about 2 million inhabitants. With 7000 year long history Belgrade is one of the oldest cities in Europe. The city is situated on the Balkan Peninsula at the confluence of two international rivers, Sava and Danube. Due to favorable geographical position, Belgrade has been exposed to numerous invaders. Many civilizations have left their mark on the city.

Today, Belgrade is the capital of Serbian culture, education, science and economy. There are 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 sports and cultural events take place. Skadarlija, the old bohemian quarter is reminiscent of the late 19th and early 20th century time period in Belgrade. It was back then when its taverns and restaurants (the oldest and the most famous are legendary restaurants “Tri šešira”, “Ima dana” and “Dva jelena”) 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. One of the biggest tourist attractions in the summertime is Ada Ciganlija, an island on the river Sava, where one can go for a swim and also enjoy numerous sports and recreational facilities.

The official language is Serbian, while visitors from abroad can use English to communicate.

