

# FIRST ANNOUNCEMENT



32<sup>nd</sup> Summer School and  
International Symposium on  
the Physics of Ionized Gases

Belgrade, Serbia (26.08. - 30.08.2024)



## GENERAL INFORMATION

Dear Colleagues,

The 32<sup>nd</sup> **Summer School and International Symposium on the Physics of Ionized Gases (SPIG 2024)** will be held in Belgrade, Serbia, in the period 26 – 30 August 2024.

**The SPIG 2024** follows a longtime tradition initiated 62 years ago. The Conference covers a wide range of topics from fundamental studies to applications of ionized gases.

There will be two workshops, 2nd Workshop on Swarm Physics and Gaseous Dielectrics and LIBS4fusion Workshop associated to the conference.

### 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 program of the SPIG2024 will consist of Plenary Invited Lectures (45 min), Topical Invited Lectures (30 min), Progress Reports (20 min) and Contributed Papers (poster presentations), as well as the workshops' lectures (30 min). The Proceedings of Contributed Papers and Abstracts will be published and available before the Conference. Contributed papers and abstracts will be refereed by the Scientific Committee.

The official language of the Conference is English.

## COMMITTEES

### SCIENTIFIC COMMITTEE

J. Cvetić (Co-chair), Serbia  
B. Obradović (Co-chair), Serbia

A. Antoniou, Greece  
J. Burgdörfer, Austria  
M. Ćosić, Serbia  
V. Guerra, Portugal  
M. Ivković, Serbia  
J. Kovačević-Dojčinović, Serbia  
K. Kutasi, Hungary  
I. Mančev, Serbia  
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A. Milosavljević, France  
V. Milosavljević, Serbia  
D. Milošević, BH  
K. Mima, Japan  
Z. Mišković, Canada  
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G. Poparić, Serbia  
P. Ranitović, Serbia  
P. Roncin, France  
I. Savić, Serbia  
Y. Serruys, France  
N. Simonović, Serbia  
V. Srećković, Serbia  
M. Škorić, Japan  
S. Tošić, Serbia  
M. Trtica, Serbia  
R. White, Australia

### ADVISORY COMMITTEE

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B. Stanić

### ORGANIZING COMMITTEE

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M. Ristić (Co-secretary)  
B. Stankov (Co-secretary)  
  
N. Konjević  
N. Cvetanović  
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M. Marković  
A. Šajić  
I. Traparić

### ORGANIZED BY:



Faculty of Physical Chemistry  
University of Belgrade



Serbian Academy of  
Science and Arts

## CONTACT

Website: [www.spig2024.ipb.ac.rs](http://www.spig2024.ipb.ac.rs)

Official Conference e-mail: [spig2024@ipb.ac.rs](mailto:spig2024@ipb.ac.rs)

Chair: M. Kuzmanović ([miroslav@ffh.bg.ac.rs](mailto:miroslav@ffh.bg.ac.rs))

Secretaries: M. Ristić ([ristic@ffh.bg.ac.rs](mailto:ristic@ffh.bg.ac.rs)), B. Stankov ([biljanas@ipb.ac.rs](mailto:biljanas@ipb.ac.rs))

The official technical organizer of the Conference is the [PanaComp Agency](#)

## IMPORTANT DATES

Early registration: **May 15, 2024**

Contributed abstracts and papers: **January 15 - May 12, 2024**

Second Announcement: **May 12, 2024**

Final Announcement: **August 01, 2024**

Proceedings manuscripts submission: **September 10, 2024**

## REGISTRATION AND CONFERENCE FEES

| Type   | Before May 15, 2024 | After May 15, 2024 |
|--|---------------------|--------------------|
| Regular  | EUR 300             | EUR 350            |
| Students   | EUR 250             | EUR 300            |
| Accompanying persons   | EUR 80              | EUR 100            |
| 2nd Workshop on Swarm Physics and Gaseous Dielectrics (only) | EUR 80              | EUR 100            |
| LIBS4fusion Workshop (only)                                  | EUR 80              | EUR 100            |

Participants are encouraged to register as soon as possible, via the conference website and to use bank transfers for registration fee payments. The [PanaComp Agency](#) will send an e-mail with details about the payment instruction\*. Exceptionally, the payment will be possible in cash at the registration desk. The registration fee includes conference proceedings and printed material, organized bus-transportation on the arrival/departure day, welcome party, coffee breaks, and conference dinner.

The Organizers will try to provide partial support to students and early stage researchers. For further information please visit the Conference webpage [www.spig2024.ipb.ac.rs](http://www.spig2024.ipb.ac.rs) or send an e-mail to the Organizers.

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\*Please note that all official communication from the Organizers is done through e-mails or Conference webpage. Any phone call from an agency, presenting as an organizer and offering help with the hotel booking, should be ignored.

## LOCATION AND VENUE

Serbian Academy of Sciences and Arts, Knez Mihailova 35, Belgrade, Serbia.

## 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 its 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.

