

FIRST ANNOUNCEMENT



30th Summer School and International Symposium on the Physics of Ionized Gases

Šabac, Serbia (24.08. - 28.08. 2020)



GENERAL INFORMATION

Dear Colleagues,

The Organizing Committee is pleased to inform you that the **30th Summer School and International Symposium on the Physics of Ionized Gases (SPIG 2020)** will be held in the town of Šabac, Serbia, in the period 24 – 28 August, 2020.

The SPIG 2020 follows a longtime tradition initiated almost 60 years ago. The Conference covers a wide range of topics from fundamental studies to applications of ionized gases.

The 4th workshop on X-ray and VUV Interaction with Biomolecules in Gas Phase (4th XiBiGP), organized in collaboration with the SOLEIL synchrotron (France) will be 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 SPIG2020 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 XiBiGP workshop lectures (30 min). The Proceedings of Contributed Papers and Abstracts of Invited Lectures and Progress reports will be published and available before the Conference. Contributed Papers will be refereed by the Scientific Committee. The Book of Invited Lectures and Progress Reports will be published after the Conference.

The official language of the Conference is English.

COMMITTEES

SCIENTIFIC COMMITTEE

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ORGANIZED BY:

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Faculty of Mathematics
Department of Astronomy



CO-ORGANIZERS:

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ИНСТИТУТ ОД НАЦИОНАЛНОГ
ЗНАЧАЈА ЗА РЕПУБЛИКУ СРБИЈУ



CONTACT

Website: www.spig2020.ipb.ac.rs

Official Conference e-mail: spig2020@ipb.ac.rs

Chairs: D. Ilić (dilic@matf.bg.ac.rs), V. Srečković (vlada@ipb.ac.rs)

Secretaries: J. Kovačević-Dojčinović (jkovacevic@aob.rs), N. Cvetanović (nikola@ff.bg.ac.rs)

The official technical organizer of the Conference is the [PanaComp Agency](http://www.panacompagency.com)

IMPORTANT DATES

Early registration: **April 15, 2020**

Contributed papers and Abstracts of Invited lectures: **April 15, 2020**

Second Announcement: **May 15, 2020**

Hotel booking deadline: **May 15, 2020**

Final Announcement: **August 01, 2020**

Proceedings manuscripts submission: **September 01, 2020**

REGISTRATION AND CONFERENCE FEES

Type	Before April 15, 2020	After April 15, 2020
Regular	EUR 250	EUR 350
Students	EUR 200	EUR 250
Accompanying persons	EUR 50	EUR 80
4 th XiBiGP Workshop (only)	EUR 75	EUR 100

Participants are encouraged to register as soon as possible 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.spig2020.ipb.ac.rs or send an e-mail to the Organizers.

LOCATION AND VENUE

The Conference will be held in the town of Šabac (<http://wikitravel.org/en/%C5%A0abac>), located in the north-western part of Serbia. The town is easily reachable from the Belgrade Airport “Nikola Tesla” (70 km) and with public bus from any major city in Serbia.

The venue of the Conference is the hotel Sloboda (<https://a-hotel-sloboda.com/rs/hotel-sloboda.html>), and all **room bookings should be done directly with the hotel**. Hotel Sloboda – superior, luxurious edifice in Šabac city center is one of the symbols of the Šabac town by the Sava river. Located right next to the city pedestrian zone and the central city square, the hotel offers restaurant, bar, SPA and Wellness centre, and a small fitness centre.

Detail information on hotel booking, organized bus transportation and other ways to reach Šabac will be available at the Conference webpage www.spig2020.ipb.ac.rs.

*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.