

FIRST ANNOUNCEMENT



24th Summer School and International Symposium on the Physics of Ionized Gases

Novi Sad
Serbia
August 25 – 29, 2008



Astronomical Observatory
Volgina 7
11160 Belgrade
Serbia

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www.spig2008.phy.bg.ac.yu

GENERAL INFORMATION

24th Summer School and International Symposium on the Physics of Ionized Gases (SPIG) will be held in the beautiful city of Novi Sad in Serbia, from Monday, August 25 through Friday, August 29, 2008. The Conference will be organized by the Astronomical Observatory, Belgrade.

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

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 Diagnostics 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 PROGRAM

Program of the Conference will consist of Invited Lectures (45 min), Topical Invited Lectures (30 min), Progress Reports (20 min) and Contributed Papers (oral and poster presentations). The Proceedings of Contributed Papers with abstracts of Invited Lectures and Progress Reports will be published in "Publications of Astronomical Observatory" 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 and the Scientific Committee will make the final selection for oral and poster presentation. **DEADLINE** for receipt of Contributed papers (four pages) and abstracts of Invited Lectures and Progress Reports (one page) is May 15, 2008.

REGISTRATION

Conference Fees

Type	Before Feb 15, 2008	After Feb 15, 2008
Members of the EPS or affiliated societies	EUR 300	EUR 350
Non-members	EUR 350	EUR 400
Students	EUR 200	EUR 250
Accompanying persons	EUR 100	EUR 125

Participants are strongly recommended to register as soon as possible and to do their payments via bank transfer. Details of bank account are given on the Conference Web page. Exceptionally, registration could be possible at the site of the conference (payment in cash or at the near-by post office/ bank with details provided at the registration desk). The registration fee will include all conference services, morning and afternoon refreshments, welcome cocktail, excursion, conference dinner, the Proceedings (for students and regular participants) and the Book of Invited Lectures (for regular participants). 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.

COMMITTEES

Scientific Committee

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Serbia
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Z. Simić
N. Gavrilović
N. Milovanović
J. Kovačević
A. Kovačević

ABOUT NOVI SAD

Novi Sad is the capital of the northern Serbian province of Vojvodina, and the administrative centre of the South Bačka District. It is Serbia's second-largest city, after Belgrade, located on the banks of the Danube river and Danube-Tisa-Danube Channel, while facing the northern slopes of Fruška Gora mountain. Since it was founded in 1694, Novi Sad became the centre of Serbian culture and earned its nickname Serbian Athens. Today, Novi Sad is a large industrial and financial centre of the Serbian economy, and it is also one of the biggest construction sites in the region. Novi Sad has a moderate continental climate, autumn is longer than spring, and summer is warm (more info on <http://www.novisadtourism.org.yu/> or <http://www.gradnovisad.org.yu/>).

