

14th Serbian Conference on Spectral Line Shapes in Astrophysics (14th SCSLSA)
June 19-23, 2023; Bajina Bašta, Serbia

FIRST ANNOUNCEMENT

Dear colleagues,

The Organizing Committee is pleased to inform you that "14th Serbian Conference on Spectral Line Shapes in Astrophysics" will be held in the town of Bajina Bašta, Serbia, in the period 19-23. June 2023.

SCIENTIFIC RATIONALE

Spectral lines, their widths, and, more generally, their shapes are powerful diagnostic tools for probing emitting/absorbing gas in different astrophysical objects, from the solar system to the most distant objects in the universe – quasars. The emission/absorption lines of astrophysical objects are produced over a wide range of distances from an observer and under a wide range of physical and kinematic conditions. Therefore, in astrophysical objects lines from X-ray region (e.g., Fe $K\alpha$) to the radio region (e.g., radio recombination lines) wavelength range have been studied. In parallel with this, experimental and theoretical investigations of laboratory plasmas are needed for spectroscopic astrophysical research; in particular, the same atomic data are needed for line-shape calculations. This conference will bring together astronomers (observers and theoreticians) and physicists from Serbia and elsewhere to review the present stage of research, with the aim of improving our knowledge in this field, and to better understand the significance of emission/absorption lines for future astrophysical investigations.

The program will cover:

- Stellar and interstellar spectral lines
- Spectral line phenomena in extragalactic objects
- Spectral lines in laboratory and general plasma

All materials (program, talks, presentations, photos) from the previous meetings are available at <http://servo.aob.rs/eeditions/SCSLSA.php> through Serbian Virtual Observatory (<http://servo.aob.rs>).

IMPORTANT DATES

Registration deadline: April 1, 2023

Deadline for reduced registration fees: April 1, 2023

Deadline for abstract submission (one page): April 1, 2023

Deadline for booking hotel Zepter: May 1, 2023
Second Announcement: May 1, 2023
Final Announcement: June 1, 2023
Paper submission: July 15, 2023

REGISTRATION AND CONFERENCE FEE

The registration of participants is open at <http://www.scslsa.matf.bg.ac.rs/registration14.html>
The conference fee will be 300 EUR for researchers (250 EUR before April 1, 2023) and 200 EUR for students (150 EUR before April 1, 2023), and includes the conference kit, the printed book of abstracts, the welcome cocktail, coffee breaks, and social activities. The official technical organizer of the conference, PanaComp Agency, will send an e-mail with details about the payment instruction to the registered participants.

A template for the preparation of abstracts is available on the conference website.

PROCEEDINGS

The Proceedings will be published after the conference. The deadline for sending contributions is July 15, 2023. Instructions for preparing contributions will be given later on the conference website. The journal is yet to be determined.

LOCATION AND VENUE

14th SCSLSA will be held in Zepter Hotel Drina (<https://zepterhoteldrina.com/>) in Bajina Bašta (168 km from Belgrade). Hotel Drina is located near the river Drina and mountain Tara, tourist pearls of Western Serbia.

ACCOMMODATION

We worked out discounted rates with the hotel Zepter for 14th SCSLSA attendees (current price for a single room is 52 EUR and 37 EUR for a double room per night, including breakfast).

To make a reservation, please send an email to the hotel with the subject "14th SCSLSA" at reservations@zepterhoteldrina.com or office@zepterhoteldrina.com. Deadline to book rooms in the hotel Zepter is May 1, 2023.

There are numerous additional options for accommodations in different hotels/apartments (see [Bajina Bašta - Google Maps](#)).

SCIENTIFIC ORGANIZING COMMITTEE

Chairs:

Sylvie Sahal-Bréchet (Observatoire de Paris-Meudon, France) - Co-chair

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Milan S. Dimitrijević (Astronomical Observatory, Belgrade, Serbia)

Martin Gaskell (Astronomy & Astrophysics Department, University of California at Santa Cruz, USA)

Dragana Ilić (Faculty of Mathematics, Department of Astronomy,

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Goettingen, Germany)
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Vladimir Srećković (Institute of physics Belgrade, Belgrade University, Serbia)
Evgeny Stambulchik (Faculty of Physics, Weizmann Institute of Science, Rehovot, Israel)
Roland Stamm (Aix-Marseille Université, France)

LOCAL ORGANIZING COMMITTEE

Chairs:

Nataša Bon (Astronomical Observatory, Belgrade, Serbia) - Co-chair
Edi Bon (Astronomical Observatory, Belgrade, Serbia) - Co-chair

Scientific secretary:

Jelena Kovačević-Dojčinović (Astronomical Observatory, Belgrade, Serbia)

Sladjana Marčeta Mandić (Faculty of Mathematics, Department of
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Marko Stalevski (Astronomical Observatory, Belgrade, Serbia)
Djordje Savić (Astronomical Observatory, Belgrade, Serbia)

CONTACT

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WEBSITE

The official conference website: <http://servo.aob.rs/scslsa/> or mirror site:
<http://www.scslsa.matf.bg.ac.rs>