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13th Serbian Conference on Spectral Line Shapes in Astrophysics - 13th
SCSLSA
FIRST ANNOUNCEMENT

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Dear colleagues,

The Organizing Committee is pleased to inform you that "13th Serbian Conference on Spectral Line Shapes in Astrophysics" will be held in the town of Belgrade, Serbia, in the period 23-27 August 2021.

The official conference websites (<http://servo.aob.rs/scslsa12/> and <http://www.scslsa.matf.bg.ac.rs>) will be used for conference activities including registration, accommodation, paper submission, and review process.

During these uncertain and unprecedented times caused by the novel coronavirus, it is hard to plan attendance of conferences. However, we hope that the situation will be significantly better in August 2021. In any case, we intend to organize a blended conference, with on-line and in-person presentations in order to support the attendance of those with limited possibilities to travel.

The Organizing committee will monitor the situation with the COVID-19 pandemic and in the case of a severe situation, the format of the conference will be switched to entirely on-line.

SCIENTIFIC RATIONALE

The spectral lines, their widths, and, more generally, the shapes are powerful tools for emitting/absorbing gas diagnostics 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 the lines from X-ray (e.g., Fe K α) to the radio (e.g., the radio recombination lines) wavelength range have been observed. On the other hand, the experimental and theoretical investigations of laboratory plasma have been used in 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 focus on:

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

This is the 13th conference in the series. The official website of the conference is:

<http://servo.aob.rs/scslsa/> or <http://www.scslsa.matf.bg.ac.rs>.

All materials (program, talks, presentations, photos) from the previous meetings are available at

<http://servo.aob.rs/editions/SCSLSA.php> through Serbian Virtual Observatory (<http://servo.aob.rs>).

IMPORTANT DATES

Registration deadline: July 1, 2021

Deadline for reduced registration fees: July 1, 2021

Deadline for abstract submission (one page): July 1, 2021

Second Announcement: July 15, 2021

Final Announcement: August 10, 2021

Paper submission: September 30, 2021

CONTACTS

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REGISTRATION AND CONFERENCE FEES

The registration of participants is open at
<http://www.scslsa.matf.bg.ac.rs/registration13.html>

The conference fees will be 200 EUR for students (150 EUR before July 1, 2021) and 300 EUR for researchers (250 EUR before July 1, 2021). Abstracts (one page) of contributions should be sent until July 1, 2021. 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 September 30, 2021. Instructions for preparing contributions will be given later on the conference website. The journal is yet to be determined.

LOCATION AND VENUE

13th SCSSA will be held in Belgrade.

SCIENTIFIC ORGANIZING COMMITTEE

Chairs:

Gillian Peach (University College, London, United Kingdom)
Luka Č. Popović (Astronomical Observatory Belgrade, Serbia)

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Serbia)
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Jack Sulentic (Instituto de Astrofísica de Andalucia, Spain)
Roland Stamm (Aix-Marseille Université, France)

LOCAL ORGANIZING COMMITTEE

Chairs:

Saša Simić (Faculty of Sciences, Department of Physics, University of
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Andjelka Kovačević (Faculty of Mathematics, Department of Astronomy,
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Scientific secretary:
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Jelena Kovacevic-Dojcinovic (Astronomical Observatory, Belgrade, Serbia)
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Sladjana Marčeta Mandić (Faculty of Mathematics, Department of
Astronomy, University of Belgrade)
Nenad Milovanović (Astronomical Observatory, Belgrade, Serbia)

WEBSITE

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