11th SCSLSA

August 20 – 25, 2017
Šabac, Serbia

11th Serbian Conference on Spectral Line Shapes in Astrophysics

FIRST ANNOUNCEMENT

Dear colleagues,

The Organizing Committee is pleased to inform you that, "11th Serbian Conference on Spectral Line Shapes in Astrophysics" will be held in the city of Šabac, Serbia, in the period 20-25 August, 2017.

The official conference website (http://servo.aob.rs/scslsa11 or http://www.scslsa.matf.bg.ac.rs) will be used for all conference activities including registration, accommodation, paper submission, and review process.

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SCIENTIFIC RATIONALE

The spectral lines, their widths, and 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 kinematical conditions. Therefore in astrophysical objects the lines from X-ray (Fe K) to the radio (radio recombination line) wavelength range have been observed. On the other hand, the experimental and theoretical investigations of laboratory plasma have been applied in spectroscopic astrophysical research, especially atomic data needed for line shape calculations. This conference will bring together astronomers (observers and theoreticians) and physicists to review the present stage of investigation (Serbia and elsewhere), 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 space plasma

This is the 11th conference in the series. Official website of the conference is http://servo.aob.rs/scslsa11 or http://www.scslsa.matf.bg.ac.rs. All materials (programme, talks, presentations, photos, etc.) from the previous meetings are available at http://servo.aob.rs/eeditions/SCSLSA.php through Serbian Virtual Observatory (http://servo.aob.rs/~darko).

IMPORTANT DATES

Registration: 31. May, 2017
Deadline for reduced registration fees: 31. May, 2017
Abstracts (one page): 31. May, 2017
Second Announcement: 15. June, 2017
Final Announcement: 1. August, 2017
Paper submission: 20. August, 2017

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REGISTRATION AND CONFERENCE FEES

The registration of participants will be possible until 31. May, 2017 (which is also deadline for reduced registration fees). In order to register please fill in the form given at website of the conference (also in attachment of this email). The conference fees will be 200 EUR for students (150 EUR before 31. May, 2017) and 300 EUR for researchers (250 EUR before 31. May, 2017). Abstracts (one page) of contributions should be sent until 31. May, 2017. The template for preparation of abstracts is available on the conference website.

PROCEEDINGS

The Proceedings will be published after the Conference. The deadline for sending your contributions is 20. August, 2017. The instructions for preparing your contributions will be given later at the website of the conference. The journal is yet to be determined.

During the Conference on August 24th, special session on 'Collisions and spectral line shapes' will be held in honor of Milan S. Dimitrijević 70th birthday.

LOCATION

11th SCSLSA will be held in the city of Šabac (see this link for details http://wikitravel.org/en/%C5%A0abac), located in north-western part of Serbia.

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