

V Meeting on Astrophysical Spectroscopy - A&M DATA - Astronomy & Earth Observations,
September 12-15, 2023

Dear Colleagues,

The Organizing Committee is pleased to inform you that the V Meeting on A&M DATA - Astronomy & Earth Observations will be held in the period September 12-15, 2023, at “Hotel Prezident – Palić“. The meeting covers a wide range of topics from fundamental studies to applications.

The official meeting website (<http://asspectro2023.ipb.ac.rs>) will be used for all meeting activities including informations and registration. The meeting is planned to have Lectures, Progress Reports and Poster presentations. Additionally, participants will work on the special mini-projects. One of the aims of the meeting is to work on mini projects in order to start collaboration between two or more groups.

Scientific Rationale

Efficiency of theoretical analysis, synthesis and modeling of various environments, depends on atomic data and their sources. In particular, for the modeling of stellar atmospheres and opacity calculations a large number of atomic data is needed, since we do not know a priori the chemical composition of a stellar atmosphere. The same holds for Earth observations. Consequently, the development of databases with atomic data as well as astro-geoinformatics is important. This meeting will bring together physicists, astro & geophysicists from Serbia and elsewhere to review the present stage of research in this field. The meeting is planned as an opportunity to consider the above-mentioned aspects of spectroscopic research on plenary sessions and then to work on the special mini-projects, which will result in common papers to be published in international scientific journals.

Organizer

Institute of Physics Belgrade

Web: <http://asspectro2023.ipb.ac.rs>

Deadline for registration, abstracts and contributed papers submission: August 15, 2023

Please send the registration form and contributions via email to:

asspectro.conf@gmail.com

Registration fee is 100 EUR (students 80 EUR)

Within each section, mini-projects with a paper in international journal as the objective, can be submitted, with an abstract and a list of proposed participants.

Proceedings

The Proceedings will be published after the meeting. The journal is yet to be determined.

Instructions for preparing contributions will be given later on the meeting website.

The deadline for sending contributions is September 30, 2023.

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REGISTRATION FORM

Name:

Affiliation:

E-mail:

I will participate in mini-projects: M1___ M2___ M3___ M4___ M5___ M6___

I propose Mini-project Yes No

If Yes, please attach title, list of participants and abstract.

I propose a Lecture___ Progress Report___ Poster___ Yes No

If Yes, please attach title/titles and abstract/abstracts

Sections

M1 Modeling the Atmosphere: data&models,

M2 Big data in Astronomy and Earth Observations,

M3 A&M DATA and HPC,

M4 A&M DATA and standards,

M5 Radiative & Collisional Processes: databases,

M6 Spectra: stellar and laboratory plasmas.

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