

**International Meeting on Data for Atomic and Molecular
Processes in Plasmas: Advances in Standards and Modelling**

November 12-15, 2024, Palić, Serbia

**BOOK OF ABSTRACTS AND
CONTRIBUTED PAPERS**

Edited by Vladimir A. Srećković, Aleksandra Kolarski,
Milica Langović, Filip Arnaut and Nikola Veselinović

Belgrade, 2024

Scientific Organizing Committee

Vladimir A. Srećković, Institute of Physics Belgrade, **Co-Chair**
Aleksandra Kolarski, Institute of Physics Belgrade, **Co-Chair**

Milan S. Dimitrijević, Serbia
Nikolai N. Bezuglov, Russia
Nebil Ben Nessib, Saudi Arabia
Vesna Borka Jovanović, Serbia
Nikola Cvetanović, Serbia
Saša Dujko, Serbia
Rafik Hamdi, Tunisia
Magdalena Hristova, Bulgaria
Ognyan Kounchev, Bulgaria
Bratislav Marinković, Serbia
Zoran Mijić, Serbia
Nicolina Pop, Romania
Luka Popović, Serbia
Branko Predojević, Republic of Srpska, BiH
Sylvie Sahal Brechot, France
Sanja Tošić, Serbia
Robert Beuc, Croatia
Felix Iacob, Romania

Local Organizing Committee

Aleksandra Kolarski (**Co-Chair**), Institute of Physics Belgrade
Vladimir A. Srećković (**Co-Chair**), Institute of Physics Belgrade
Filip Arnaut (**Secretary**), Institute of Physics Belgrade
Zoran Mijić, Institute of Physics Belgrade
Milica Langović, Institute of Physics Belgrade
Mihailo Savić, Institute of Physics Belgrade
Nikola Veselinović, Institute of Physics Belgrade
Veljko Vujčić, Astronomical Observatory, Belgrade
Nikola Cvetanović, University of Belgrade, Faculty of Transport and Traffic Eng.

New opportunities for COST participants – actions networking tools and examples of the national funding schemes

Mijić, Z.R.¹  and Marinković, B.P.¹ 

¹*Institute of Physics Belgrade, Pregrevica 118, 11080 Belgrade, Serbia*
E-mail: zoran.mijic@ipb.ac.rs

As the oldest intergovernmental funding organization in Europe COST (the European Cooperation in Science and Technology) facilitates networking among academics and innovators in order to increase Europe's ability to address scientific, technical, and societal concerns (Marinković and Mijić 2022). According to the study (Seeber et al., 2022a), participation in COST program considerably increases researchers' scientific co-publications, therefore advancing their professional careers. The findings demonstrate a 55% average increase in co-publications among active COST action participants as compared to the proposed network of the researchers of non-founded actions. This increase in collaborative co-publications is not at the expense of non-collaborative ones, resulting in a net gain in scientific production. Keeping in mind that the impact of the actions lasts beyond their lifetime, involvement in COST networking activities significantly improves researchers' productions and experience thus increasing their capacity for long-term collaborations (Seeber et al., 2022b). This is especially important for early-career researchers, as around 42% of COST action members in 2023 are young researchers. (Mijić and Marinković, 2024a).

Over the last several years running the COST action have become more and more competitive (Mijić and Marinković, 2024b). The reported success rate of the action proposals for the last open call OC-2023-1 was 11.5%. Since there is a clear benefit of scientific community involved in research network, several European countries established additional national funding to support research projects originating from successful ongoing COST Actions.

In this study, within proposed mini-project, we will discuss the new opportunities for COST participants through the actions networking tools focusing on young researchers' and ITC (Inclusiveness Target Countries) conference grants entering into force in November 2024. In addition, new technical annex, evaluation grid and introduction of the acceptability criterion for new action proposal will be demonstrated. Finally, the existing opportunities for additional funding of research projects originating from COST actions will be introduced. The recent experience

and good practices of national funding schemes for COST participants in several countries will be presented together with available funding support for COST related projects in Switzerland which include project partners abroad.

Acknowledgements: Thanks are due to The Ministry of Science, Technological Development and Innovation of the Republic of Serbia and the Institute of Physics Belgrade for national COST office support.

References

- Marinković, B., Mijić, Z., 2022, V Meeting on Astrophysical Spectroscopy - A&M DATA - Astronomy & Earth Observations, Book of Abstracts and Contributed Papers, Eds: Vladimir A. Srećković, Milan S. Dimitrijević, Aleksandra Kolarski, Zoran R. Mijić and Nikola B. Veselinović, p.55.
- Seeber, M., Vlegels, J., Seeber, M., 2022a, 26th International Conference on Science and Technology Indicators, Proceedings, Eds: N. Robinson-Garcia, D. Torres-Salinas, W. Arroyo-Machado, sti2239
- Seeber, M., Vlegels, J., Cattaneo, M., 2022b, J. Assoc. Inf. Sci. Technol. 73, 1106
- Mijić, Z., Marinković, B., 2024a, Building bridges between climate science and society through a transdisciplinary network, Book of Abstract and Contributed Papers, Eds: Vladimir A. Srećković, Aleksandra Kolarski, Filip Arnaut, and Milica Langović, pp. 89-91.
- Mijić, Z., Marinković, B., 2024b, VI Conference on Active Galactic Nuclei and Gravitational Lensing, Book of Abstract, Eds: J. Kovačević Dojčinović, and V. A. Srećković pp. 34-35.

CIP - Каталогизacija у публикацији
Народна библиотека Србије, Београд

52-355.3(048)

533.9(048)

539.1(048)

INTERNATIONAL Meeting on Data for Atomic and Molecular Processes in Plasmas: Advances in Standards and Modelling (2024 ; Palić)

Book of abstracts and contributed papers / International Meeting on Data for Atomic and Molecular Processes in Plasmas: Advances in Standards and Modelling, November 12-15, 2024, Palić, Serbia ; [organizer Institute of Physics Belgrade] ; edited by Vladimir A. Srećković ... [et al.]. - Belgrade : Institute of Physics, 2024 (Beograd : Skripta Internacional). - 94 str. : ilustr. ; 24 cm

Tiraž 50. - Bibliografija uz većinu apstrakata. - Registar.

ISBN 978-86-82441-69-4

1. Srećković, Vladimir A., 1972- [уредник]

а) Астрофизика -- Апстракти б) Плазма -- Апстракти в) Атомска физика -- Апстракти

COBISS.SR-ID 156258313