



ERIS 2022

October 13-14, 2022

Plovdiv, Bulgaria and online

<https://eris.adis.org>

Proceedings of the 15th International Conference “Education and Research in the Information Society”

Edited by

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Preface

Education and Research in the Information Society (ERIS) is an international computer science conference with a range of interrelated topics:

- E-learning and education support systems;
- Web technologies and cloud computing;
- Social networks and security of the Web environment;
- Serious games and virtual reality;
- User modelling and user-adaptive systems;
- Natural language processing and information retrieval;
- Big data management and analysis;
- Knowledge discovery from data and text;
- Innovative systems for e-governance, e-health and e-libraries;
- Approaches for addressing cultural diversity and users with special needs;
- Fake news and disinformation detection.

The 15th edition of the ERIS conference took place in Plovdiv, Bulgaria from October 13 to 14, 2022. The ERIS conference has been established as an essential event of regional importance in the field of computer science and its impact on education and society.

This year there were 32 submissions. Each paper was reviewed at least by two members of the Program Committee and a group of invited experts. Finally, based on the received evaluations, the Program Committee decided to accept 16 papers to be presented at the conference, of which 10 were accepted to be included in the conference proceedings.

On the second day, a Workshop was held on "Digital Transformation in Museums and Libraries: Data Spaces" organised by Dr Milena Dobрева and supported by DISTILL - a joint project between Sofia University "St. Kliment Ohridski" and Museology Laboratory at the Ionian University, Corfu, Greece.

We thank the members of the Association and the co-organizing institutions for their long-standing unselfish support of the conference.

We also thank the Program Committee members and the other reviewers for their well-intentioned, objective and useful reviews, the authors for their interest and attractive presentations, and the participants in the discussions for their meaningful opinions.

We express special thanks to the Organizing Committee and especially to its chairman Georgi Vragov - for the efforts and work put into preparing, organising, and holding the conference.

We hope that the presented research results, shared experiences and discussions have been particularly useful to younger researchers, teachers and learners.

November 14, 2022

Avram Eskenazi
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CEUR Workshop Proceedings (CEUR-WS.org)

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