

INTRODUCTORY WORDS

Since 2014, the PUBMET international conference has served as a significant venue for gathering editors, publishers, librarians, journalists, policymakers, scholars and practitioners investigating and advancing scholarly communication in open science. The ninth PUBMET2022 conference was held at the University of Zadar from 14 to 16 September 2022, continuing a series of very successful conferences organised by the University of Zadar, Croatian Association for Scientific Communication - ZNAK, University of Zagreb, University of Rijeka and Ruđer Bošković Institute, under the auspices of the OPERAS consortium, OpenAIRE, the European Association of Science Editors (EASE) and SPARC Europe.

We are happy that after two years of holding the conference online, we met again in person to discuss the latest developments in scientific communication and its most visible part, scientific publishing, and to share our knowledge, visions, expertise and the outcomes of numerous studies in this interdisciplinary field. This year we have seen the development and application of the principles of open science and open access as a prerequisite for achieving innovative scientific communication. Sharing all outputs in the earliest stages of research, including research data, software, protocols, methods, laboratory notes, reviewers' reports, and publications, is the basis for the accelerated development of responsible science.

This year's PUBMET2022 has brought us a series of invited lectures, short presentations, panel discussions, posters, and workshops, discussing the progress of open science and promoting transparent and informed reporting on the results of scientific research. PUBMET2022 is the result of the year-long hard work of the programme and organising committees. Our excellent speakers, poster presenters, panellists, workshop leaders and moderators contributed to the conference's success with their valuable, carefully selected and peer-reviewed content. In addition, more than 300 registered participants from 42 countries attended the conference in-person or online, providing exciting questions and comments and sharing their opinions.

Major themes of PUBMET2022 include:

- ▶ Redesigning of open access - what can the scientific community do to retain rights over their research results, and what are the alternatives to the high fees for publishing in open access;
- ▶ Raising efficiency and effectiveness in scholarly communication - changes that have been achieved by applying the principles of open science bring numerous advantages for scholars, but raise some new challenges;
- ▶ The fairness of open science – transparency, responsibility, equity, diversity and cooperation in creating and sharing knowledge must be uncompromising;
- ▶ Potentials of public engagement in science - how can research results make a more significant and positive impact on society?;
- ▶ Assessing the quality of the research process, research outputs and publication channels - how does open science change the traditional quantitative research assessment criteria?

Pierre Mounier (EHESS, OpenEdition, OPERAS, DOAB, France) and Mario Malički (Stanford University, USA), excellent experts in the field of scientific communication research, presented at the beginning of the conference their view of the changes in scientific publishing brought about by open access, as well as the need for changing the way we achieve it. Juan Pablo Alperin (Scholarly Communications Lab, Simon Fraser University, Canada) discussed the role of open source software in increasing scholarly communication efficiency. Thomas Klebel from the Know-Centre, Austria, presented the results of research into the present threats to achieving equality in the implementation of open science. The second day of the PUBMET2022 conference was opened by Dóra Gaálné Kalydy (Hungarian Academy of Sciences, Hungary), presenting the possibilities of cooperation between scientists and the public and the benefits that can arise from such cooperation. One of the primary goals of science is to improve citizens' lives, and the involvement of the public in scientific research can certainly help in this. To address this, Charlotte Wien (University of Southern Denmark, Denmark) confronted the elitist and self-sufficient culture of scientists, which is systematically encouraged by current promotion criteria, with the values

promoted by open science: the sharing of research results, citizen science, promotion of science through presentations, interviews, exhibitions and popular scientific publications and social engagement. She referred to the latest recommendations of the European Commission, which call for the reform of the promotion system, which should be based on the assessment of the overall contribution and quality of scholars and not solely on the number of papers published in "prestigious" journals. A panel discussion, "Media visibility as a driver of scientific and social influence", discussed perspectives based on trust, transparency and ethics in communication between scientists and journalists. The discussion, moderated by media expert Dalibor Jakus, addressed potential activities and challenges for the media visibility of science, the role of scholars in public communication and the impact of their reputation on the overall image of science in society.

A series of short presentations and posters presented the initiatives and projects of open science and the results of open access and open science research in different countries, academic communities and institutions.

Several practical workshops were held as part of the conference, among other TRIPLE ThatCamp workshop where the relationship between sustainability and open science were discussed and thought about (leaders: Drahomira Cupar, University of Zadar and Sonja Aresteh, Max Weber Foundation), DIGITools on the possibilities of e-learning platforms in the higher education environment (leaders: Jerald Cavanagh, Limerick Institute of Technology; Marko Odak, Faculty of Humanities and Social Sciences, University of Mostar; Mihaela Banek Zorica, Faculty of Humanities and Social Sciences, University of Zagreb and Sandra Kučina Softić, University Computing Center SRCE), a workshop on scientific communication, which is crucial for understanding the basics of science and making informed decisions on important topics, such as health or changes in the environment (leaders: Marko Košiček and Petra Buljević Zdjelarević, Ruder Bošković Institute), and a workshop on the future scientific communication and research integrity (leader: Tiberius Ignat, Scientific Knowledge Services). In addition, the PUBMET2022 conference was supported by our sponsors: Scientific Knowledge Services, Citizen Scientists Investigating Cookies & App GDPR Compliance, Arpha publishing platform, Emerald Publishing, Kryadocs, Oxford University Press, Elsevier, Bentham Science, Karger, Royal Society of Chemistry, MDPI, EBSCO, Springer Nature, CrossRef and Copernicus Publications, who are following our open science initiatives to improve scholarly communication by making their processes more transparent, business models more affordable, opening their content and taking an active role in our discussions.

We hope that PUBMET2022 has fostered the exchange of new ideas, challenges, and opportunities for cooperation between researchers empowering the enthusiasm for future work in this area. We thank all the participants who made this event possible.

Thank you all for being part of this experience in the beautiful city of Zadar!

On behalf of the Programme and Organising Committees,



Jadranka Stojanovski

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