Array 1-2 (2019) 100005

Contents lists available at ScienceDirect

Array

journal homepage: www.elsevier.com/journals/array/2590-0056/open-access-journal

Editorial: Opening up computer science

I am proud to introduce the inaugural issue of Array, a new international open access multidisciplinary journal published by Elsevier. In contrast with the many specialized journals published by Elsevier or other publishers, Array has the particularity of covering the entire field of Computer Science. Our ambition with Array is to ensure fast dissemination of up-to-date research results from a broad spectrum of topics, including: Artificial Intelligence, Machine Learning and Robotics; Computer Systems and Architecture; Computer Vision, Speech and Pattern Recognition; Control & Signal Processing; Cyber Security; Data, Knowledge and Intelligent Systems; Industrial Engineering; Interdisciplinary Applications; Medical Informatics and Biomedical Engineering; Microelectronics and Hardware; Multimedia and HCI; Networks and Communications; Operational Research and Decision Systems; Scientific Computing; Software Engineering, and Theoretical Computer Science. Interdisciplinary contributions crossing boundaries within Computer Science, or between Computer Science and other fields, are especially welcome.

Following a current trend in scholarly publishing, Array is a gold open access journal. This means that authors pay article processing charges to cover publication costs. In exchange, their paper is made publicly and quickly accessible to everyone, without the need for subscription fees. As a result, research results are disseminated all over the world to a broad readership, including academia, industry, and practitioners, which may significantly increase their visibility and potential impact.

Manuscripts to be published in Array must be novel, technically sound, and clearly presented. Array accepts regular papers and shorter technical notes. In addition to research papers presenting new results, review articles as well as discussion and opinion papers are also welcome. Together with regular issues, the journal will publish special issues of topical interest in all areas of computer science, and we will be more than happy to discuss suggestions for such issues with you.

The review process of Array complies with the best standards of academic publishing. We believe that feedback from peers allowing iterative paper improvement is an integral part of scientific publishing, and what distinguishes it from electronic preprint repositories. Papers meeting journal criteria will undergo a single-blind review process, utilizing a minimum of two external referees. We aim at a fast review process without compromising on the rigor and quality of the evaluation. To achieve this goal, we have started to assemble an impressive Editorial Board of leading researchers from all areas of computer science, to be further expanded as the journal will get up to speed. We realize that accepting to become a member of the Editorial Board is a serious commitment and we would like to thank all Associate Editors for their support.

In addition to its commitment to a rigorous review process, Array also supports the best scientific practice, including reproducible research. In particular, authors of papers published in Array are strongly encouraged to make their datasets and/or their code publicly accessible via a repository of their choosing.

My main purpose as Editor-in-Chief is to promote Array as one of the best journals in Computer Science, bringing researchers from different subfields to significantly advance the science and technology of digital information processing and meet the challenges of the 21st century Information Age. I hope that many of you will share the enthusiasm of the Editorial board and the publisher, and I am looking forward to receiving your best contributions.

Declaration of Competing Interest

The authors declare no conflict of interest.

Thierry Denoeux
Université de Technologie de Compiègne, Compiègne, France

https://doi.org/10.1016/S2590-0056(19)30005-0
Received 20 May 2019; Received in revised form 22 July 2019; Accepted 27 August 2019

2590-0056