

# 48<sup>th</sup> Euromicro Conference on Software Engineering and Advanced Applications (SEAA 2022)

Maspalomas, Gran Canaria, Spain, Aug. 31th – Sept. 2nd, 2022



## Call for Papers

### SCOPE

The Euromicro<sup>1</sup> Conference Series on Software Engineering and Advanced Applications (SEAA) is a long-standing international forum for researchers, practitioners, and students to present and discuss the latest innovations, trends, experiences, and concerns in the field of Software Engineering and Advanced Applications in information technology for software-intensive systems.

### TRACKS AND ORGANIZERS

- **AI4DevOps: AI-Enabled Software Development and Operations**

M. Chaudron (University of Gothenburg, Sweden), M. Felderer (University of Innsbruck, Austria), A. Metzger (University of Duisburg-Essen & Big Data Value Association (BDVA), Germany), R. Ramler (Software Competence Center Hagenberg GmbH, Austria), D. Winkler (TU Vienna, Austria)

- **CNADO: Cloud Native And DevOps**

D. Taibi (Tampere University, Finland) and Nabil El Ioini (Free University of Bolzano, Italy)

- **MDEML: Model-Driven Engineering and Modeling Languages**

F. Ciccozzi (Mälardalen University, Sweden), A. Wortmann (Stuttgart University, Germany), A. Bucaioni (Mälardalen University, Sweden)

- **SEaDeM: Software Engineering and Debt Metaphors**

A. Martini (University of Oslo, Norway), D. Feitosa (University of Groningen, The Netherlands)

- **SM: Software management: Measurement, Peopleware and Innovation**

O. Demirors (Izmir Institute of Technology, Turkey) and C. Gravino (University of Salerno, Italy)

- **SMSE: Systematic Literature Reviews and Mapping Studies in Software Engineering**

N. Ali (Brunel University, London, United Kingdom), S. Counsell (Brunel University, London, United Kingdom) and S. Swift (Brunel University, London, United Kingdom)

- **SPPI: Software Process and Product Improvement**

S. Biffl (TU Vienna, Austria), D. Winkler (TU Vienna, Austria), R. Rabiser (Johannes Kepler University Linz, Austria)

### SPECIAL SESSIONS AND ORGANIZERS

- **CPS: Cyber-Physical Systems**

K.-E. Großpietsch (Euromicro), K. Kloeckner (Euromicro), V. Klös (Technische Universität Berlin, Germany)

- **DAIDE: Data and AI Driven Engineering**

H. Holmström Olsson (Malmö University, Sweden) and J. Bosch (Chalmers & Gothenburg University, Sweden)

- **STREAM: Software Analytics: Mining Software Open Datasets and Repositories**

M. Kechagia (University College London, UK) and Elvira-Maria Arvanitou (University of Macedonia, Greece)

<sup>1</sup>*Euromicro is an international scientific, engineering and educational organization dedicated to advancing the arts, sciences and applications of Information Technology and Microelectronics founded in 1973, inspired by the emerging microprocessor technology. Since then, Euromicro has been devoted to promoting research and technology transfer in its field, as well as discussing and disseminating knowledge, information and skills in academia, industry, government and in education. As a truly international society Euromicro strictly adheres to impartiality in national and international affairs.*



## SEAA Steering Committee

- Stefan Biffl - Chairman (Vienna University of Technology, Austria)
- Michel Chaudron (Eindhoven University of Technology, The Netherlands)
- Onur Demirors (IzTech / UNSW, Turkey and Australia)
- Rick Rabiser (Johannes Kepler University Linz, Austria)

## Program Chairs

- Regina Hebig (Chalmers & Gothenburg University, Sweden)
- Andreas Wortmann (Stuttgart University, Germany)

## General Chair

- Gustavo Marrero Callico (Universidad de Las Palmas de Gran Canaria, Spain)

## Publication Chair

- Fadhl Hujainah (Chalmers & Gothenburg University, Sweden)

## Important Dates

- Deadline for paper submission: April 1st
- Notification of acceptance: May 15th
- Camera-ready papers: June 15th

## Conference Venue

ExpoMeloneras  
Plaza de las Convenciones  
35100 Maspalomas, Las Palmas, Spain  
[www.expomeloneras.com](http://www.expomeloneras.com)

## Further Information

- <https://dsd-seaa2022.iuma.ulpgc.es>
- [www.euromicro.org](http://www.euromicro.org)

## Submission Guidelines

SEAA 2022 encourages the submission of full research papers, short papers and tool demo papers (maximum 4 pages), and posters (maximum 2 pages). A maximum of 8 pages is allowed for each full research paper. Papers follow a single-blinded reviewing process and must contain original unpublished work, describe significant novel contributions, and provide evidence on the validation of results. Reports on industrial applications are also welcome.

Papers submitted to SEAA 2022 must not be under review or submitted for review elsewhere whilst under consideration for SEAA 2022. Contravention of this concurrent submission policy will be deemed as a serious breach of scientific ethics, and appropriate action will be taken in all such cases.

Conference Publishing Services (CPS) will publish accepted papers in the conference proceedings and the proceedings will be submitted to the IEEE Xplore digital library and indexing services. We reserve the right to exclude a paper from distribution after the conference (e.g., by not placing it in the IEEE Xplore Digital Library) if the paper is not presented at the conference.

Best papers of SEAA 2022 will be invited to submit extended versions for a theme issue the Journal on Systems and Software. Selected papers will be expected to comply with the standard guidelines of the journal when publishing an extended version of a paper, including the addition of about 30% new material.

Papers must strictly adhere to the two-column IEEE conference proceedings format. Please use the templates available at (<https://www.ieee.org/conferences/publishing/templates.html>). LaTeX users should use the following configuration: `\documentclass[conference]{IEEEtran}`. Microsoft Word users should use the US Letter format template. All submissions of all the tracks and special sessions at SEAA 2022 must be in PDF and must be submitted online by the deadline via the EasyChair conference management system at

<https://easychair.org/conferences/?conf=seaa2022>

For further information contact Regina Hebig or Andreas Wortmann via [seaa2022@easychair.org](mailto:seaa2022@easychair.org).