

# ECSA 2022, 19-23 September

## Prague, Czech Republic



General Co-Chairs

Program Co-Chairs



### CALL FOR PAPERS

The European Conference on Software Architecture (ECSA) is the premier European software architecture conference, providing researchers, practitioners, and educators with a platform to present and discuss the most recent, innovative, and significant findings and experiences in the field of software architecture research and practice. The special theme for ECSA 2022 is “**Software Architectures and Practices for Emerging Technologies and Applications.**” We are interested in learning about how software architecture principles and practices are evolving and being applied to address the challenges of emerging technology and applications. This raises questions such as: What are current research and practice results in developing and evolving software architecture principles and practices for systems that include machine learning, quantum computing, blockchain, and other emerging technologies? What are current research and practice results in developing and evolving software architecture principles and practices for emerging applications such as collaborative systems, learning systems, autonomous systems, and other emerging applications? What are good examples and case studies of software architecture in the context of emerging technologies and applications? How have software architecture courses changed to accommodate or take advantage of emerging technologies and applications?

ECSA 2022 seeks four types of papers for the research track:

- **Research papers** (max. 16 pages in LNCS style) which describe novel contributions to software architecture research (submissions should cover work that has a sound scientific/technological basis and has been validated)
- **Education and training papers** (max. 16 pages in LNCS style) that address **methodologies**, experiences and best practices for teaching and training software architecture
- **Experience reports** (max. 16 pages in LNCS style) that cover innovative implementations, novel applications, insightful performance results and experience in applying software architecture research advances to practical situations and systems
- **Short papers** (max. 8 pages in LNCS style) that present novel and preliminary work-in-progress or challenges in a topic of software architecture research, education, and training. Submissions must have a sound basis, but not necessarily be validated in full

### Important Dates

Main Conference:

- Abstract submission: May 6, 2022
- Paper submission: May 13, 2022
- Acceptance notifications: June 17, 2022
- Camera-ready: July 1, 2022

Submission dates are 23:59h AoE (anywhere on Earth).  
Submission dates are strict and no extensions will be granted.

### Organizers

- General Co-Chair, Thais Batista, Federal University of Rio Grande do Norte, Brazil
- General Co-Chair, Tomas Bures, Politecnico di Milano, Czech Republic
- Program Co-Chair, Ilias Gerostathopoulos, Vrije Universiteit Amsterdam, The Netherlands
- Program Co-Chair, Grace A. Lewis, Carnegie Mellon Software Engineering Institute, USA

<https://conf.researchr.org/home/ecsa-2022>

### TRACKS and DEADLINES

- **Research papers:** May 13 (abstract May 6)
- **Industry track:** May 13 (abstract May 6)
- **Journal first track:** May 13
- **Tools & Demos:** July 1
- **Workshops & Tutorials proposals:** March 25
- **DE&I track:** July 1
- **Doctoral Symposium:** June 15

Publicity co-chairs

Romina Spalazzese, *Sweden*

Rafael Capilla, *Spain*