

# MSR4SA 2022

## Second International Workshop on Mining Software Repositories for Software Architecture

Co-located with the 16<sup>th</sup> European Conference on  
Software Architecture (ECSA 2022)  
September 19 – 20, 2022 – Prague, Czech Republic  
(<https://msr4sa.github.io/msr4sa2022>)

### Workshop organizers

- Mohamed Soliman, University of Groningen, NL
- Roberto Verdecchia, Vrije Universiteit Amsterdam, NL
- Neil Ernst, University of Victoria, Victoria, Canada
- Kisub Kim, Singapore Management University, Singapore

### Program Committee (invited)

- Ivano Malavolta, Vrije Universiteit Amsterdam
- Michel Albonico, Federal University of Technology - Parana (UTFPR)
- Francesca Arcelli Fontana, University of Milano-Bicocca, Italy
- Bradley Schmerl, Carnegie Mellon University, USA
- Magiel Bruntink, Software Improvement Group, The Netherlands
- Antonino Sabetta, SAP Labs, France
- Heiko Koziol, ABB Corporate Research, Germany
- Elisa Yumi Nakagawa, University of São Paulo, Brasil
- Peng Liang, Wuhan University, China
- Barbora Buhnova, Masaryk University, Czech Republic
- Arie van Deursen, Delft University of Technology, The Netherlands
- Paris Avgeriou, University of Groningen, The Netherlands
- Muhammad Ali Babar, University of Adelaide, Australia
- Ian Gorton, Northeastern University, USA
- Rick Kazman, University of Hawaii, USA
- Stefan Wagner, University of Stuttgart, Germany
- David Lo, Singapore Management University, Singapore
- Matthias Galster, University of Canterbury, New Zealand
- Patrick Mäder, Technische Universität Ilmenau, Germany
- Joshua Garcia, University of California, Irvine, USA

Mining software repositories (MSR) became essential to support several software architectural design activities, such as architectural recovery or architectural knowledge capturing. Nevertheless, MSR to support software architecture (SA) is a challenging task, which requires expertise and focus.

The main goal of MSR4SA 2022 is to gather researchers and practitioners from both the MSR and SA communities to discuss challenges and approaches regarding applying MSR methods on SA problems. Hosting this workshop at ECSA will spot the light on applying MSR techniques for SA within the architectural community. This can form novel research directions within the architectural community to focus on systematically applying MSR techniques for SA problems. As a result of the MSR4SA workshop, we aim to craft a research agenda to guide researchers in their future research steps.

Prospective participants are invited to submit:

- Research papers presenting novel contributions on mining software repositories for software architecture (max. 10 pages);
- Industry papers which shows the application and challenges of MSR techniques for SA (max. 6 pages);
- Dataset and tool papers on MSR for SA (max. 6 pages);
- New ideas and emerging results presenting new ideas and on-going work to be discussed on advancing MSR for SA (max. 6 pages).

Workshop papers must follow the *[formatting style to be determined once ECSA 2022 establishes the workshop proceedings paper template]*

### Important Dates

- Submission deadline: 1 July 2022
- Notification of acceptance: 29 July 2022
- Camera-ready version: 5 August 2022