MSR4SA 2021

First International Workshop on Mining Software Repositories for Software Architecture

Co-located with the 15th European Conference on
Software Architecture (ECSA 2021)
September 13 – 17, 2021 — Växjö, Sweden
(https://msr4sa.github.io/msr4sa2021)

Workshop organizers

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- *Ivano Malavolta, Vrije Univversiteit Amsterdam, NL*
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Program Committee

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- *Patrick Mäder, Technische Universität Ilmenau, Germany*
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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 2021 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)

Workshop papers must follow the two-column CEUR-ART style (http://ceur-ws.org/Vol-XXX/CEURART.zip) Format and Submission Guidelines. All submitted papers will be reviewed on the basis of technical quality, relevance, significance, and clarity by the program committee. All workshop papers should be submitted electronically in PDF format through the EasyChair workshop website. All accepted papers will be published at CEUR (http://ceur-ws.org). After the workshop, we will organize post-proceedings of selected and extended papers of workshops that will be published in a Springer LNCS volume (16 to 18 pages). Candidate papers for post-proceedings will be identified by the reviewers and the workshop chairs, based on the paper quality and its relevance to the workshop. Workshop papers submitted for the post-proceedings will undergo an additional review cycle.

In addition to the workshop publications, we aim to publish the first research agenda to MSR for SA. This will be based on the discussions within the MSR4SA 2021 workshop, and thus all workshop participants will be included as authors in a joint publication.

Important Dates

- Submission deadline: ~~25 June 2021~~ 02 July 2021 (AoE time)

- Notification of acceptance: 22 July 2021 (AoE time)

- Camera-ready version: 29 July 2021 (AoE time)