



This workshop will provide a stimulating forum where researchers and practitioners can present and discuss recent research results on a wide range of topics in the field of empirical software engineering and art smart contract, in addition to exchanging ideas, experiences, and challenging problems.

TOPICS OF INTEREST

- ◆ Empirical studies using qualitative, quantitative, and mixed methods
- ◆ Cross- and multi-disciplinary methods and studies
- ◆ Formal experiments and quasi-experiments
- ◆ Case studies, action research, ethnography, and field studies
- ◆ Survey research
- ◆ Simulation studies
- ◆ Artifact studies
- ◆ Data mining using statistical and machine learning approaches
- ◆ Secondary and tertiary studies
- ◆ Software verification and validation, including analysis and testing
- ◆ Development, evaluation, and comparison of empirical approaches and methods
- ◆ Infrastructure for conducting empirical studies
- ◆ Techniques and tools for supporting empirical studies
- ◆ Empirically-based decision making
- ◆ AI (e.g., information retrieval, machine learning and NLP techniques) for Software Engineering Tasks
- ◆ AI for Sciences (e.g., climate, health, life sciences, physics, social sciences, art sciences)
- ◆ Applications of software engineering to different types of systems and domains (e.g., IoT, Industry 4.0, Context-awareness systems, Cyber-physical systems, art sciences systems, art smart contract systems)
- ◆ Engineering of software systems which include machine learning components and data dependencies

IMPORTANT DATES

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|----------------------|---------------------|------------------------|--------------------------------------|
| ◆ August 15,2023: | Workshop papers due | ◆ October 1,2023: | Camera-ready and author registration |
| ◆ September 15,2023: | Author notification | ◆ October 10, 2023: | Copyright due |
| | | ◆ October 22-26, 2023: | Conference dates |

SUBMISSION

Submit original manuscripts (not published or considered elsewhere) must be no longer than ten papers. Each paper should include a title and the name and affiliation of each author. Each submission should also include a 150-word abstract and up to 6 keywords. The format of your submission must follow [the QRS Conference Proceedings](#) Format. Detailed instructions for paper submission can be found at <https://qrs.techconf.org>

ORGANIZING COMMITTEE

- | | | |
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| ◆ Program Chairs | Weixin Yan | Shenzhen Museum of Contemporary Art and Urban Planning, China |
| ◆ Program Chairs | Bangchao Wang | Wuhan Textile University, China |
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GENERAL INQUIRIES

For more detailed and updated information, please refer to <https://qrs.techconf.org>. For paper submission, review, or other questions, please send emails to zxc190007@utdallas.edu.