The IEEE International Conference on Software Architecture (ICSA 2021) is the premier gathering of practitioners and researchers interested in software architecture, component-based software engineering, and quality aspects of complex software systems. ICSA continues the tradition of a working conference, where researchers meet practitioners and where software architects can explain the problems they face in their day-to-day work and try to influence the future of the field. Interactive working sessions will enable researchers to meet practitioners to identify opportunities to create the future.

We welcome the submission of technical research papers that describe original and significant results of theoretical, empirical, conceptual, or experimental work in software architecture research or industrial practice.

**Topics** of interest for the conference include (but are not limited to) the following themes:

**Architecture & CI/CD, DevOps, Containerization, Serverless platforms**

- Agile architecting and other approaches to architecting
- Architecture evaluation and quality aspects of software architectures
- Architecture conformance
- Refactoring and evolving architecture design decisions and solutions
- Software architecture knowledge management
- Software architect roles and responsibilities
- Cultural, ethics, economic, business, financial, and managerial aspects of software architecture

**Microservices and event-driven architectures**

- Automatic extraction and generation of software architecture descriptions
- Reusable architectural solutions
- Component-based software engineering
- Architecture frameworks and architecture description languages
- Architecting families of products
- State-of-the-art and state-of-practice in software architecture
- Training, soft skills, coaching, mentoring, education, and certification of software architects

**Model driven engineering for continuous architecture**

- Architecting specific types of systems, such as Systems of Systems, IoT systems, AI/ML systems, CPSs, software ecosystems, self-adaptive systems, or autonomous systems
- Linking architecture to requirements and/or implementation
- Software architecture for legacy systems and systems integration
- Industrial experiments and case studies
- Stakeholder management and collaborating with other business and technical domains

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