

Call for Papers

The International Workshop on Emerging Technologies in Autonomous Decentralized Systems (ETADS 2023)

This workshop will be held in conjunction with the

15th International Symposium on Autonomous Decentralized Systems (ISADS 2023), March 15–17, 2023, Mexico City, Mexico

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Shenzhen, China

Important Dates

Paper submission: Nov. 15, 2022
Author notification: Dec. 15, 2022
Final manuscript due: Jan. 10, 2023

Contact information:

Please contact ETADS general chair or
program chairs for paper submission
issues.
Please contact ISADS local Arrangements
team for issues related local arrangement
issues.

Paper submission:

Authors must submit their
manuscripts electronically
following the instructions at the
ISADS 2023 web site at:
<https://www.isads2023.org/> and
select workshop ETADS in easychair
when submitting.

General Information:

ETADS 2023 is the premier interdisciplinary forum for the presentations of new advances and research results in emerging technologies in blockchain, quantum computing, and cybersecurity, as well as their applications in autonomous decentralized systems, where decentralized performance, security and reliability are of high importance, such as finance systems, business systems, and different application of Internet of Things. The emergence and popularity of blockchain, quantum computing, and cybersecurity techniques are significantly changing the operation and management of traditional decentralized and networking systems. However, these techniques and related applications bring various open issues and challenges for research communities. The workshop provides an opportunity for academic and industry professionals to discuss recent progress in the areas of design, synthesis, implementation, test, and analysis of blockchain, quantum computing, and cybersecurity systems and their applications. The goals of this workshop are to provide a wide coverage of the areas outlined and to bring together the researchers from academic and industry as well as practitioners to share ideas, challenges, and solutions relating to the aspects of this field.

Papers describing blockchain, quantum computing, cybersecurity and their applications in autonomous decentralized systems are solicited. Topics of interest include, but are not limited to:

- Blockchain application in autonomous decentralized systems
- Theories of blockchain and distributed ledger technology
- Distributed consensus and fault tolerance mechanisms
- Blockchain application in finance and business systems.
- Blockchain application in healthcare systems
- Blockchain application in distributed security systems
- Blockchain application in Internet of things (IoT)
- Blockchain application in cyber physical systems
- Blockchain application in connected and autonomous vehicles
- Blockchain application in crowdsourcing and crowdsensing
- Blockchain application in mobile cellular networks
- Blockchain in next generation communications and networks
- Security, privacy and trust of blockchain and distributed ledger technology
- Blockchain and Cryptocurrency
- Decentralization, scalability, and security tradeoff
- Hybrid Quantum-Classical Systems
- Quantum Machine Learning
- Quantum computing in cybersecurity
- Quantum computing in blockchain
- Quantum Computing in Education
- Quantum Computing in the Cloud
- Quantum Inspired Applications

Information for Authors:

Research papers should describe original work (not submitted or published elsewhere) and be up to 6 pages in IEEE double-column conference paper format. Papers should include title, authors, affiliations, 150-word abstract and list of keywords. Please identify the contact author clearly, including name, position, mailing address, telephone number, and email address. At least one of the authors of each accepted paper must register and present the paper at ISADS 2023.