

IEEE Blockchain-2022 Call for Papers

The 5th IEEE International Conference on Blockchain (Blockchain 2022)

August 22 - 25, 2022, Espoo, Finland

<http://www.blockchain-ieee.org/>

The emergence and popularity of blockchain techniques will significantly change the way of digital and networking systems' operation and management. In the meantime, the application of blockchain will exhibit a variety of complicated problems and new requirements, which brings new open issues and challenges for research communities.

IEEE Blockchain-2022 will be held in August 2022, Espoo, Finland. The goal of this conference is to promote community-wide discussion for identifying advanced applications, technologies and theories for blockchain. We seek submissions of papers that invent novel techniques, investigate new applications, introduce advanced methodologies, propose promising research directions and discuss approaches for unsolved issues.

*** Important Dates**

Workshop proposal: March 1, 2022

Paper Submission Deadline: ~~April 1, 2022~~ **extended to May 1, 2022**

Author Notification: 10th June, 2022

Camera-ready and Registration: 25th June, 2022

Conference Dates: 22-25 August, 2022

*** Topics**

Topics of interest include, but are not limited to:

- Theories of blockchain and distributed ledger technology
- New blockchain architecture
- Distributed consensus and fault tolerance mechanisms
- Security, privacy and trust of blockchain and distributed ledger technology
- Decentralization, scalability, and security tradeoff
- Performance analysis and optimization
- Simulation and performance evaluation techniques
- Smart contract and chain code
- Applications and services based on blockchain
- Protocols and algorithms based on blockchain
- Blockchain in the Internet of things (IoT)
- Blockchain in cyber physical systems
- Blockchain in social networking
- Blockchain in supply chain management
- Blockchain in agriculture
- Blockchain in connected and autonomous vehicles
- Blockchain in crowdsourcing and crowdsensing
- Blockchain in edge and cloud computing
- Blockchain in next generation communications and networks
- Blockchain and cryptocurrency
- Blockchain and artificial intelligence
- Blockchain and game theory
- Blockchain and industry 4.0

* **Journal Special Issues**

IEEE Blockchain-2022 will invite additional submissions (after significant extension) to the special issue in the following prestigious journals:

- IEEE Internet of Things Journal (IF: 9.471)
- IEEE Network Magazine (IF: 10.693)
- ACM Distributed Ledger Technologies: Research and Practice (ACM DLT)
- Information Sciences (Elsevier) (IF: 6.795)
- Information Fusion (Elsevier) (TBD) (IF: 12.975)

(More will be added)

* **Author Instructions**

All papers need to be submitted electronically through the conference website

(<https://www.edas.info/newPaper.php?c=29446&track=111133>) with PDF format.

Submitted papers must not substantially overlap with papers that have been published or that are simultaneously submitted to a journal or a conference with proceedings. Papers must be clearly presented in English, must not exceed 8 pages in IEEE Computer Society proceedings format (or up to 10 pages with the pages over length charge), including tables, figures, references and appendices. Papers will be selected based on their originality, significance, relevance, and clarity of presentation assessed by at least three reviewers. All submitted papers will be judged through double-blind reviews, where the identities of the authors are withheld from the reviewers. As an author, you are required to preserve the anonymity of your submission, while at the same time allowing the reader to fully grasp the context of related past work, including your own. Papers that do not conform to our double-blind submission policies will be rejected without review.

Submission of a paper should be regarded as a commitment that, should the paper be accepted, at least one of the authors will register and attend the conference to present the work. IEEE Blockchain 2022 reserves the right to exclude a paper from distribution after the conference (e.g., removal from the digital library and indexing services), if the paper is not presented at the conference. All accepted papers will be published in IEEE CPS proceedings (EI Indexed) and collected by IEEE Xplore Digital Library. Two outstanding papers will be selected to receive the Best Paper Awards.

* **Instruction for Double-blind Submission**

- Remove the names and affiliations of authors from the title page.
- Remove acknowledgments.
- Remove project titles or names that could be used to trace back to the authors via web search.
- Carefully name your files to anonymize author information.
- Carefully refer to related work, particularly your own. Do not omit references to provide anonymity, as this leaves the reviewer incapable of grasping the context. Instead, reference your past work in the third person, just as you would any other piece of related work by another author. For example, instead of "In prior work [1], we presented a scheme that ...," sentences in the spirit of "In prior work, Clark et al. [1] presented a scheme that ..." should be used. With this method, the full citation of the referred paper can still be given, such as "[1] A. Clark, "Analysis of...", and it is not acceptable to say "[1] Reference deleted for double-blind review."
- The submitted manuscript or its title/abstract should not be posted on a public website, such as arxiv.org, or transmitted via public mailing lists.

- The submitted manuscript (PDF file) should be text-searchable. Any submission that does not meet this requirement may be returned without review.
- Many of the editing tools automatically add metadata to the generated PDF file containing information that may violate the double blind policy. Please remove any possible metadata that can link your manuscript to you. This includes removing names, affiliation, license numbers etc. from the Metadata as well as from the paper. Failing to meet this requirement may also lead to a rejection without review.

*** Organizing Committees**

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