

Call for Papers
Tokenomics 2021

3rd International Conference on Blockchain Economics, Security and Protocols
18--19 November 2021, New York University (Zoom)
Conference website: <http://tokenomics-conf.org>

Tokenomics is an international forum for theory, design, analysis, implementation and applications of blockchains and smart contracts. The goal of the conference is to bring together economists, computer science researchers and practitioners working on blockchains in a unique program featuring outstanding invited talks and academic presentations. This year's conference is hosted by New York University (NYU), and will be held remotely on Zoom.

Keynote speakers will include

- Joseph Halpern (Cornell University)
- Catherine Tucker (MIT)
- David Parkes (Harvard University)

Topics of interest

Topics of interest include, but are not limited to:

- Distributed protocols for blockchains
- Consensus games and mechanism design issues of blockchains
- Lightweight protocols and networking issues of blockchains
- Fairness and Consistency (logical and economical) of blockchains
- Blockchain security, privacy and cryptographic tools
- Repeated games, collaborative games, reputation, algorithmic game theory
- ICO and cryptocurrencies, token valuation, governance and voting
- Trust models for blockchains
- Smart contracts and programming languages
- Interaction of supply chains and blockchains, with use of smart contracts
- Formal methods for blockchains
- Incentive theory and mechanisms design in DeFi
- Secure multiparty computations (SMPC, e. g. auctions with sealed bids)
- Multi-agent systems and machine learning techniques applied to blockchains

The program committee encourages the submission of original interdisciplinary works exploring the conjunction of economic concerns with distributed systems, networks and system security.

Submission guidelines

The submission website is: <https://easychair.org/conferences/?conf=tokenomics2021>

Submissions to the conference proceedings should describe novel, previously unpublished scientific contributions. They will be subject to peer review. Authors may submit only work that does not substantially overlap with work that is currently submitted or has been accepted for publication to a conference with proceedings or a journal.

Submissions can be made as “publication and presentation” (typical in computer science conferences) or “presentation only” (typical in economics conferences), under the following formats:

1. Publication and presentation: 15 pages, including the cover page, figures, tables and references using LaTeX style templates for OASlcs. A clearly marked appendix is allowed.
2. Presentation only: PDF format, no page limit.

Submissions should include the title of the paper starting with the type of submission (“Presentation only:” or “Presentation and publication:”), authors’ names and affiliations, and a short abstract of the paper’s contribution.

All papers must be submitted electronically according to the instructions and forms found here and on the submission site. For each accepted paper the conference requires at least one registration. The registration to Tokenomics is free for all attendees.

Publications:

Papers accepted for publication will be published in the conference post-proceedings. The submissions for presentation and publication in the conference proceedings should use the LaTeX style templates for OASlcs available at <https://submission.dagstuhl.de/documentation/authors> and not exceed 15 pages, including the cover page, figures, tables and references. The cover page should include the title of the paper, the authors' names, affiliations and e-mails, the contact author, a list of keywords, and an abstract of 1 to 2 paragraphs summarizing the contributions of the submission. A clearly marked appendix is allowed.

The authors of the best papers published at Tokenomics 2021 will be invited to submit the extended version of their paper to a special issue of the journal *Theoretical Computer Science* (TCS).

Important dates

- * Paper submission deadline: August 15
- * Author notification: September 30
- * Camera ready deadline (for conference proceedings): October 18
- * Conference: November 18-19

Award for the best paper and talk

Asseth--Kaiko Prize for Research in Cryptoeconomics 2021 will be awarded to the best paper and talk.

Program committee chairs

Computer science track:

Vincent Gramoli, University of Sydney and EPFL <vincent.gramoli@sydney.edu.au>

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Economics track:

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Organizing committee chairs

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