19th International Conference on Economics of Grids, Clouds, Systems & Services

http://2022.gecon-conference.org

13-15. September 2022, Izola Slovenia

Springer LNCS Proceedings
Fast Track for several Journals in Computer Systems and E-Commerce

First Call for full papers, short papers (work-in-progress papers), special topic sessions, tutorials, and poster presentations.

GECON 2022 builds upon the very successful tradition of the conference previous editions (http://www.gecon-conference.org) since 2003. GECON solicits contributions that are interdisciplinary, combining business and economic aspects with engineering and computer science related themes.

Important Deadlines
- **Special topic** session proposal deadline: May 1st, 2022
- **Tutorial proposal** deadline: May 1st, 2022

- **Paper abstract** submission deadline: June 1st, 2022
- **Full Paper** submission deadline: June 7th, 2022
- **Short Paper** submission deadline: June 7th, 2022

- Notification of acceptance of papers: July 19th, 2022
- Camera Ready deadline: July 26th, 2022

- Poster Submission deadline: August 2nd, 2022

Topics of Interest

As a global market for infrastructures, platforms, and software services emerge, the need to understand and deal with its implications and its interdisciplinary challenges is quickly growing. To address this, GECON encourages the submission of papers, which combine at least one economic/legal area and one technologic area. GECON list of areas includes but is not limited to:

Economics
Trustworthiness of services
Ecosystem economics
Incentive design, strategic behavior & game theory
Market mechanisms, auctions models, and bidding languages
Economic efficiency
Techno-economic analysis and modelling
Pricing schemes and revenue models
Preemptible computing
Metering, accounting, and billing
Cost-benefit analysis
Automated trading and bidding support tools
Trust, reputation, security, and risk management
Performance monitoring, optimization, and prediction
Economics of Open Data
Trustworthiness and Assurances for Quality of Data
Economic impact of distributed storage solutions
Energy efficiency
Sustainability
Business models and strategies
Decision support
Ecosystems

Law and Legal Aspects
Standardization, interoperability, and legal aspects
Service level Agreements (SLAs)
Negotiation, monitoring, and enforcement
Governance of ecosystems
Privacy

Clouds, Grids, Systems and Services
IaaS, SaaS, PaaS and Federation of resources
Vertical scaling, burstable computing, vertical elasticity
Resource management: allocation, sharing, and scheduling
Capacity planning
Virtualization and containers
Service science, management and engineering (SSME)

Software engineering
Security

Applications and Technologies Transforming the Economy

Smart grids, smart cities, and smart buildings
Energy-aware infrastructures and services
Fog, edge, cloud computing
Micro-services, serverless computing
AI-enabled computing continuum from Cloud to Edge
Internet-of-Things
Blockchains
Community networks
Social networks
Social computing
Shared public infrastructures for knowledge exchange:
(e.g. IPFS, Origin Trail, Decentralised Knowledge Graphs)
Big data
Reports on industry test-beds and operational markets
Data stream ingestion and complex event processing
Open source

Publication and Submission Guidelines for Papers

Original full papers and short papers (work-in-progress papers), which are not currently under review by another conference, will be considered. Manuscripts will be reviewed based on technical merit, originality, and relevance. Past acceptance rates have been around 30 per cent in recent years.

Full papers and short papers (work-in-progress papers) shall be submitted using the Springer LNCS format. Submitted full papers should not exceed 12 pages and WIP papers should not exceed 8 pages (including references and appendices). For further details, visit the GECON 2022 web page. Paper submissions are managed through EasyChair at https://easychair.org/conferences/?conf=gecon2022. The proceedings will be published by Springer LNCS.

Extended versions of up to 10 accepted papers in the Computer Science field will be invited for publication in a special issue of the
- Elsevier Journal of Future Generation Computing Systems.

For papers targeting mainly business and economic aspects, a special issue of the
- Springer Electronic Markets Journal or the
- Elsevier Electronic Commerce Research and Applications
- Springer Electronic Commerce Research
with up to 15 papers is foreseen.

Submission Guidelines for Special Topic Session Proposals

GECON 2022 looks for proposals for special topic sessions. With the objective of encouraging alternative forms of participation that can increase the opportunity to discuss technical topics and new ideas in a round table atmosphere, we solicit special topic proposals.

The special topic sessions program seeks to provide venues for specialist groups to meet, to generate focused discussion on specific sub-areas within the economics of distributed systems, and to engage in community-building activities. Special sessions should provide a discussion forum for researchers in topics related to topics of the conference, either on specific research themes, or in emerging areas of research.

Special topic sessions can be used, for example, for giving the opportunity to all participants to present intermediate/final results of projects, finding partners to establish collaborative research and innovation projects.

Special topic session proposals should describe briefly objectives or purpose, importance of the topic, and strategies to facilitate participation in the discussion.

The Special Topic session participants can write a joined paper or submit individual papers for the conference proceedings.

Submission Guidelines for Tutorial Proposals

GECON 2022 looks for tutorial proposals on topics related to the conference topics. The tutorials are supposed to give PhD students an overview about existing concepts, challenges, and future research directions.

Tutorial proposals should provide a title, an abstract, and a table of content.

Poster Submissions

Poster presentations provide a unique opportunity for PhD students and young researchers to present their ongoing work and to receive constructive feedback from their peers as well as experts in the field (including academics and practitioners) at the GECON conference.

Authors of accepted full papers and short papers (work-in-progress papers) are also welcome to present their work in poster sessions, giving them a higher visibility then just giving a talk.

Conference Organization

Orna Agmon Ben-Yehuda (University of Haifa, Israel)
Jorn Altmann (Seoul National University, South-Korea)
Jose Angel Banares (Zaragoza University, Spain)
Karim Djemame (University of Leeds, UK)
Maurizio Naldi (Libera Università Maria SS. Assunta (LUMSA), Italy)
Vlado Stankovski (University of Ljubljana, Slovenia)
Bruno Tuffin (Inria Rennes, France)
Kostas Tserpes (Harokopio University of Athens, Greece)

Contact for Questions: gecon2022@easychair.org