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18th International Conference on Economics of Grids, Clouds, Systems & Services  
<http://2021.gecon-conference.org>  
21-23. September 2021, Online  
Springer LNCS Proceedings  
Fast Track for several Journals in Computer Systems and E-Commerce

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First Call for

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

GECON 2021 builds upon the very successful tradition of the conference previous editions since 2003 (<http://www.gecon-conference.org>). GECON solicits contributions that are interdisciplinary, combining business and economic aspects with engineering and computer science related themes. Contributions to this conference can include extensions to existing technologies, successful deployments of technologies, economic analyses, analyses of technology adoptions, and theoretical models. We welcome papers that combine micro- and macro-economic principles with resource management strategies in computer science and engineering. Case studies, which demonstrate practical use of economic strategies, benefits and limitations, are particularly encouraged. The purpose of this event is to gather original work and build a strong multidisciplinary community in this increasingly important area of a future information and knowledge economy.

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/Important Deadlines/

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- Special topic session proposal deadline: May 1st, 2021
- Tutorial proposal deadline: May 1st, 2021
  
- Paper abstract submission deadline: May 17th, 2021
- Full Paper submission deadline: May 24th, 2021
- Short Paper submission deadline: May 24th, 2021
  
- Notification of acceptance of papers: June 28th, 2021
- Camera Ready deadline: July 5th, 2021
  
- Poster Submission deadline: July 12th, 2021

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/Topics of Interest/  
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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 areas include but are not limited to:

-Economics-

- Trustworthiness of services
- Ecosystem economics
- Incentive design, strategic behavior, and game theory
- Market mechanisms, auctions models, and bidding languages
- Economic efficiency
- Techno-economic analysis and modelling
- Pricing schemes and revenue models
- Metering, accounting, and billing
- Cost-benefit analysis
- Automated trading and bidding support tools
- Trust, reputation, security, and risk management
- Performance monitoring, optimization, and prediction
- 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, osmosis computing
- Micro-services, serverless computing
- Internet-of-Things
- Blockchains
- Community networks
- Social networks
- Social computing
- Big data
- Reports on industry test-beds and operational markets
- Data stream ingestion and complex event processing
- Open source

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/Publication and Submission Guidelines for Papers/  
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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 2021 web page.

Paper submissions are managed through EasyChair at <https://easychair.org/conferences/?conf=gecon2021>.

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.

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/Submission Guidelines for Special Topic Session Proposals/  
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GECON 2021 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.

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/Submission Guidelines for Tutorial Proposals/  
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GECON 2021 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.

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/Poster Submissions/

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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 than just giving a talk.

Posters will be organized and presented throughout the conference using gather.town, allowing for many discussions with participants and a highly interactive conference.

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/Conference Organization/

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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)

Contact for Questions: [gecon2021@easychair.org](mailto:gecon2021@easychair.org)