20th International Conference on Economics of Grids, Clouds, Systems & Services

http://2024.gecon-conference.org

26-27. September 2024, Roma Italy

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 2024 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

Deadlines for full papers and short papers (work-in-progress papers) ares:

- **Paper abstract submission deadline**: June 1st, 2024
- **Full Paper and Short Paper** (work-in-progress) submission deadline: June 15th, 2024
-**Poster submission deadline** (Extended abstract and poster) submission deadline: July 12th, 2024
- **Notification of acceptance of papers**: July 12th, 2024
- **Camera Ready deadline**: July 26th, 2024
- **Poster Submission for accepted papers deadline**: July 26th, 2024

Deadlines for special topic session proposals and tutorial proposals are:

- **Special topic session proposal deadline**: May 1st, 2024
- **Tutorial proposal deadline**: May 1st, 2024

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:
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areas includes but is not limited to:

Economics
- Trustworthiness of services
- Ecosystem economics
- Incentive design, strategic behaviour & 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
  Standardisation, interoperability, and legal aspects
  Service level Agreements (SLAs)
  Negotiation, monitoring, and enforcement
  Governance of ecosystems
  Privacy
  Data sovereignty

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
  Generative AI and its economic impact
  Generative AI and Trust
  AI-enabled computing continuum from Cloud to Edge
  AI and power demand
  Smart grids, smart cities, and smart buildings
  Energy-aware infrastructures and services
  Fog, edge, cloud computing
  Micro-services, serverless computing
  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
  Modelling, Simulation and Decision-making of Clouds, Systems and Services

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 2024 web page. Paper submissions are managed through EasyChair at https://easychair.org/conferences/?conf=gecon2024. 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 2024 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 2024 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.

Contact for Questions: gecon2024@easychair.org