Call for Papers – GECON 2017
14th International Conference on Economics of Grids, Clouds, Systems & Services
http://2017.gecon-conference.org
19-21 September 2017, Biarritz-Anglet-Bayonne, France

Conference Organization

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- M. Diop
  Pau & Pays Adour University, France

Important Dates

Abstract Submission Deadline
June 1st, 2017

Paper Submission Deadline
June 7th, 2017

Notification of Paper Acceptance
July 1st, 2017

Camera Ready Paper Deadline
July 10th, 2017

GECON History

GECON 2017 follows the very successful previous editions (http://www.gecon-conference.org), where high-quality technical papers have been presented.

Scope

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.

Publication and Submission Guidelines

- Original full papers and work-in-progress papers, which are not currently under review by another conference, will be considered.
- Submitted papers should not exceed 14 pages in Springer LNCS format (including references and appendices). For further details, visit the GECON 2017 Web page.
- Manuscripts will be reviewed based on technical merit, original ity, and relevance. Past acceptance rates have been around 30%.
- Paper submissions are managed through EasyChair at (https://easychair.org/conferences/?conf=gecon2017).

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 with up to 5 papers is foreseen.

Topics of Interest

Advances in distributed systems technology have allowed for the provisioning of IT services on an unprecedented scale and with increasing flexibility. As a global market for infrastructure, platforms and software services emerges, the need to understand and deal with these implications and multitude of new challenges is quickly growing.

General topics of interest at GECON 2017 include:

Software service platforms and networked systems	Trust, reputation, security, and risk management
Analysis of software industry and cloud computing industry	Reports and analysis on operational markets and test-beds
Market mechanisms, auctions models, and bidding languages	Economics of big data, software, services, service composition, and selection
Decision support for service selection and procurement	Cost modeling, cost-benefit analysis
Revenue and energy-aware resource management	Performance monitoring, optimization and prediction
Pricing schemes, service level agreements (SLAs), and revenue models	Community networks, social network systems, and resource sharing models
Negotiation, enforcement and monitoring of service level agreements	Techno-economic analysis: Emerging computing paradigms (fog, edge, osmosis computing), and technologies (micro-services, containers)
Open source ecosystem	
Economically efficient resource allocation, scheduling, and capacity planning	Smart grids, smart cities, smart buildings, energy aware infrastructures and services
Automated trading and bidding support tools	Standardization, interoperability, and legal aspects
Incentive design, strategic behavior & game theory	IaaS, SaaS, PaaS
Development of sustainable infrastructures	Federation of resources
Desktop grids, volunteer computing and crowd-sourcing	Economic modeling of networks, systems, software, and data
Metering, accounting, and billing	Services Science
Business models and strategies for SMEs	Clouds & Services for Internet-of-Things