CALL FOR PAPERS
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Workshop on **Serverless To sErvE moRe at Scale (STEERS 2021)**
in conjunction with
21th IEEE/ACM International Symposium on Cluster, Cloud and Internet Computing
(**CCGrid 2021**)
May 10 - 13, 2021. Melbourne, Australia.
http://www.steers.iitkgp.ac.in/

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With the widespread popularity of Amazon AWS Lambda, Google Cloud Function, Microsoft Azure Functions, etc., Serverless Computing has gained significant impetus in recent times because of its simplicity. It is the next generation cloud service delivery paradigm and is also known as Function as a Service (FaaS). Almost all big players in the cloud have successfully launched commercially usable serverless computing platforms, although there are many open challenges in terms of their scalability and applicability for widespread deployments. These challenges are many-fold, starting from developing light-weight sandboxing platforms for FaaS supports, deciding optimal deployment strategies for function deployments, increasing the consolidation ratio of the functions, development of economic models for end-users as well as cloud service providers for their individual profit maximization, and so on. Given that majority of the cloud service providers now support serverless computing and direct function execution over the cloud platforms, a thorough investigation of the support systems is necessary through cutting-edge researches in this field.

This workshop aims to provide a forum for researchers and practitioners to exchange innovative ideas, latest research findings, practical experiences, lessons learned, and future directions to propel the research on serverless computing. The topics include, but are not limited to:

- Cloud to serverless: Gap, Issues and Challenges
- Serverless Infrastructure
- Virtualization platforms for serverless sandboxing
- Serverless applications: Debugging and Deployment
- Serverless computing: Benchmarks and Use cases
- Serverless computing: Models, Businesses, and Marketing
- Serverless Applications
- Benchmarks of serverless applications and services
- Serverless for the Internet of Things (IoT)
- Blockchain-based implementation for Serverless
- Security challenges in Serverless computing
- Economic models for serverless function deployments

Write to us: steers.ccgrid@gmail.com

Important dates:
- Submission Open: December 15, 2020
- Paper Deadline: January 10, 2021
- Notification: February 15, 2021
- Camera-ready: March 3, 2021

Workshop Organizing Committee (Sorted by surname)**:**
- **Sourav Kanti Addya**, National Institute of Technology Karnataka, India
- **Sandip Chakraborty**, Indian Institute of Technology Kharagpur, India
- **Soumya K Ghosh**, Indian Institute of Technology Kharagpur, India
- **Dheryta Jaisinghani**, University of Northern Iowa, USA
- **Abhishek Mukherji**, Accenture Lab, USA
- **Nirupam Roy**, University of Maryland College Park, USA
- **Sanjib Sur**, University of South Carolina, USA

Submission Instruction:
We invite original research papers that have not been previously published and are not currently under review for publication elsewhere. Submitted papers should be no longer than 8 pages in two-column IEEE template format.
All accepted papers will be published as part of the CCGRID proceedings. All previous CCGRID proceedings have been published by the IEEE and available online through IEEE Digital Library (EI indexing).

For EASY CHAIR submission link visit: http://www.steers.iitkgp.ac.in/