3rd International Workshop on Internet-scale Clouds and Big Data (ISCBD 2018)
Web page: https://iscbd2018.github.io/index.htm
Philadelphia, Pennsylvania, USA
18, Ocober 2018

CALL FOR PAPERS

The ISCBD 2018 workshop is scheduled on October 18, 2018 and will be held at Philadelphia, Pennsylvania, USA. It is collocated with **IEEE CIC conference**.

Internet-scale data provide the next generation computing and data analysis platforms for many emerging services, such as tele-work, e-government, and business solutions to millions of individuals distributed across the Internet and host tens of thousands of servers. Many small and medium enterprises (SME) have great potential to benefit the economic incentives when using aforementioned internet-scale cloud computing and Big Data platforms for their business applications. However, there are challenges associated with every new technology.

Interoperability, communication, performance, and security are the four major critical issues that need to be addressed when applications are deployed in internet-scale. Same is the case for the internet-scale cloud platforms that would manage large number of shared and disparate services. Various quality requirements, such as availability, security, economic cost, energy efficiency, and so forth determine the quality of service of internet-scale cloud applications and platforms.

ISCBD 2018 brings together researchers and practitioners from around the world to share their experiences on the challenges and problems faced in applications deployed in internet-scale cloud and Big Data applications. This event will define protocols and standards that need to be set in place for improving cloud and Big Data computing technologies and making cloud a new and attractive paradigm for various applications.

The topics of interest include, but are by no means limited to:

* Enabling application services across Clouds
* Novel Big Data usage models
* High consistency models for Big Data storage
* Innovative cloud service models
* Support for scalable and secure across Clouds
* Architectural Models for multi-Cloud deployment
* Security, privacy, and trust for Big Data computing
* Multi-Cloud/hybrid-Cloud support for mobile Big Data applications
* Big Data Applications making use of collaboration in Clouds, including games and social networks
* Cloud-enabled Social Computing
* Social and Social/Mobile Cloud models and challenges
* Collaborative Big Data systems
* Scientific, Business, and social computing in single and multi-Cloud environment
* Challenges for collaboration in Clouds

Submission Guidelines:

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. The original typescript, of not more than 6 pages, should be submitted electronically in A4 size format in two-column IEEE proceeding format. All short papers must not be more than 3 pages long, with the formatting same as described above. All papers are refereed through a single blind process and should be submitted online.
https://easychair.org/conferences/?conf=iscbd2018
All submitted papers will be rigorously reviewed. All accepted papers will made available in IEEE Xplore and external indexing services (DBLP database, ZB1Math/CompuServe, IO-Port, EI, Scopus, INSPEC, ISI proceeding - pending approval).

Important Dates:

Submission Deadline: August 30, 2018
Notification of Acceptance/Rejection: September 14, 2018
Camera Ready Copy Due: September 21, 2018
Workshop: October 18, 2018

Committees:

Chairs:

Balaji Palanisamy, University of Pittsburgh, USA
 Madhu Kumar S.D , National Institute of Technology, Calicut, India
Karuna Joshi, University of Maryland, Baltimore County, USA

Technical Programme Committee

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