International Workshop on Software-Defined Ecosystems - BigSystem2015

With the emerging technology breakthrough in computing, networking, and storage, the boundary of systems is undergoing fundamental change and is expected to logically disappear. It is the time to rethink system design and management without boundaries towards software-defined ecosystems, i.e., the BigSystem. The basic principles of software-defined mechanisms and policies have witnessed great success in clouds and networking. We are expecting broader, deeper, and greater evolution of these concepts and technologies, and a confluence towards holistic software-defined ecosystems.

The BigSystem 2015 workshop provides an open forum for researchers, practitioners, and system builders to exchange ideas, discuss open problems and challenges, and shape roadmaps towards realizing the vision of the BigSystem.

Topics of Interest

- Architecture of software-defined ecosystems
- Management of software-defined ecosystems
- Software-defined infrastructure (computing, networking, storage)
- Software-defined services
- Software-defined security
- Software-defined cyber-physical systems
- Virtualization
- Composable systems
- Hybrid systems, cross-layer design and management
- Grand challenges in big systems
- Big data infrastructure and engineering
- HPC, big data, and computational science & engineering applications
- Autonomic computing
- Cloud computing and services
- Emerging technologies

Paper Submission Guidelines

Authors are invited to submit technical papers of at most 8 pages in PDF format, including figures and references. Short position papers (4 pages) are also encouraged. Papers should be formatted in the ACM Proceedings Style (double column text using single-spaced 10 point size on 8.5 x 11 inch page) and submitted via EasyChair. No changes to the margins, spacing, or font sizes as specified by the style file are allowed. Accepted papers will appear in the workshop proceedings, and will be incorporated into the ACM Digital Library. A few papers will be accepted as posters. Selected distinguished papers, after further revisions, will be considered for a special issue in a high quality journal. EasyChair: https://easychair.org/conferences/?conf=bigsystem2015

Important Dates

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