The International Workshop on Ubiquitous Cloud Computing 2017 (UCC 2017)

In conjunction with FutureTech 2017
May 22-24, 2017, Seoul, Korea

Cloud Computing is an inevitable consequence when the development of electronic information and technology has reached the service level for anytime and anyplace. It is developed from our former existing technology, including Embedded system technology, Distributed systems, Computing algorithms, web technology. Cloud Computing has not only become a major model for connecting people to information, but also become the important platform for handling big data and intelligent applications. Recent advances in ubiquitous computing and Services have paved the way for exciting cloud worlds all the time and everywhere. Their ubiquitous infrastructure and infrastructure-less cloud systems always affect every aspect of our life to the point that they are hidden inside various appliances. There are a lot of natural Algorithms, Systems and Applications outcome from technological advances in ubiquitous cloud systems. For example, ubiquitous real-time image processing based on cloud systems, ubiquitous SoC specification based on cloud systems, ubiquitous specification and design of systems based on cloud systems, distributed computing based on cloud systems, dependable computing based on cloud systems, pervasive communications based on cloud systems, Multimedia Services based on cloud systems, and agent technologies based on cloud systems, etc.

Algorithms, Systems and Applications studies in the following topics are welcome, but not limited to:

(1). Hardware and Software based on cloud systems

■ Control Structures and Microprogramming

■ Arithmetic and Logic Structures

■ Input/Output and Data Communications

■ Performance and Reliability

■ Special purpose and Application-based Systems

■ Performance of Systems

■ Computer System Implementation

(2) Embedded System Technology based on cloud systems

- SoC Specification;

- Specification and Design of Embedded Systems

- Ubiquitous Dependable computing

(3) Distributed Cloud Middleware

- Service oriented computing;

- Distributed event-based middleware;

- Workflow management;

- Special domain middleware;

- Grid computing;

(4) Computing Algorithms, Systems and Applications:

- Realtime Image Processing;

- Multimedia Services;

- Complex information system based on network;

- Web application;

- Communication Networks

(5) Others:

- Theory of Computation based on cloud systems;

- Information Systems based on cloud systems;

- Computing Methodologies based on cloud systems;

Important Dates

Workshop Submission Deadline:	March 01, 2017
Workshop Author Notification:	March 15, 2017
Workshop Camera-ready:	April 15, 2017
Registration Due:	April 25, 2017
Conference Date:	May 22-24, 2017

Paper Preparation and Submission:

Authors are invited to submit manuscripts reporting original unpublished research and recent developments in the topics related to the workshop. All accepted papers will be submitted included in the conference proceedings as one of Lecture Notes in Electrical Engineering (LNEE) series published by Springer (indexed by EI & SCOPUS). Some selected good papers will be published in several journal special issues, which are indexed by SCI or SCIE (pending).

Instructions for accepted papers in the Springer's LNEE is as follows (Note that the paper format of LNEE is the same as that of LNCS). Prepare your paper in the exact format as the sample paper for LNEE. Please read the authors' instructions carefully before preparing your papers. We accept both Microsoft Word and LaTex format in the Lecture Note Series. Springer provides the relevant templates and sample files for both PC (sv-lncs.dot) and Mac (sv-lncs) environments. Please download word.zip form http://www.futuretech-conference.org/2017/submission.php.

Please submit your paper (pdf format) directly to xiongnaixue@gmail.com by the deadline.

Authors should submit a paper with 5~6 pages in length, including all figures, tables, and references. If you want to submit more than page limitation, you can add up to 2 extra pages (total MAX. 8 pages) with the extra page charges (100 USD per page).

Organization

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