

CFP: The 17th IEEE International Conference on Embedded and Ubiquitous Computing (IEEE EUC 2019)

August 1st-3rd, 2019, New York, USA

<http://www.cloud-conf.net/EUC/2019/index.html>

Embedded ubiquitous computing is promising to improve people's quality of life by creating new applications based on data processing in IoT network. Many research efforts have been performed on novel processing and communication architectures, technologies and management strategies. Embedded ubiquitous computing systems can leverage wireless sensor networks to collect and process data and use cloud technologies, peer-to-peer systems, and big data paradigms to provide computing and analytics capabilities.

Nowadays, because of the growth of smart devices, embedded ubiquitous computing technologies and combined with cyber world to provide many smart services, the Internet of Things (IoT) became more promising to realize that various embedded applications allow users to enjoy more comprehensive services. As an emerging research topic, embedded ubiquitous computing relate to and support a computing vision for a greater range including smart devices (mobile, wireless, service), smart environments (of embedded system devices) and smart interaction (between devices). The EUC conference aims, as such, to provide a platform for the dissemination of recent research efforts that explicitly aim at addressing these challenges, and supports the presentation of advanced solutions in these areas.

Topics of particular interest include, but are not limited to:

- Data analysis and data management for embedded and ubiquitous computing
- Applications for embedded and ubiquitous computing
- Parallel and distributed systems
- Mobile systems and applications for embedded and ubiquitous computing
- Enhanced living environments and smart habitats for older adults
- Security, safety and reliability/dependability
- Hardware architectures and design tools
- Software and programming tools for embedded and ubiquitous computing

General Chairs

Edwin Sha, The University of Texas at Dallas, USA

Howard J. Siegel, Colorado State University, USA

Meikang Qiu, Columbia University, USA

Important Dates

Paper submission: May 15th, 2019 (firm)

Author notification: May 31st, 2019

Camera-Ready: June 5th, 2019

Registration: June 5th, 2019

Conference date: August 1st-3rd, 2019

