**CFP: The 22nd IEEE International Conference on Computational Science and Engineering (IEEE CSE 2019)**

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

http://www.cloud-conf.net/CSE/2019/index.html

As computer systems become increasingly large and complex, data based computing technology plays a critical role at supporting next-generation science and engineering applications. Nowadays the Cloud-based complex Big Data applications in science and engineering are consist of heterogeneous software/hardware/network components of changing capacities, availability, and in varied contexts. They provide computing services to large pools of users and applications and the effective solutions require appropriate and smart computational algorithms, architectures and platforms.

The CSE conference aims at bringing together researchers and practitioners in the world working on addressing these computing challenges on science and engineering, and providing a forum to present and discuss emerging ideas and trends in this highly challenging research field.

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



* Big Data Applications and Analytics
* Intelligent and Bio-inspired Computing
* Computational Social Systems
* Scientific and Engineering Computing
* Cluster, Grid, P2P and Cloud Computing
* Mobile Computing and Wireless Communications
* Embedded and Ubiquitous Computing
* Security, Privacy and Trust
* Advanced Networking and Applications
* Service and Internet Computing
* Distributed and Parallel Computing
* Dependable, Reliable and Autonomic Computing
* CSE Education

**General Chairs**

Sun-Yuan Kung, Princeton University, USA

Albert Zomaya, University of Sydney, Australia

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

    