**CFP: The 4th International Conference on Smart Computing and Communication (SmartCom 2019)**

Oct 11th-13th, 2019, Birmingham, UK

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

With the rapid development of computing and communication technologies, many applications has facilitated a dramatical growth of new techniques’ implementations, such as cloud computing, big data, pervasive computing, Internet of Things, and social cyber-physical systems. Enabling a smart life has become a popular research topic with an urgent demand. Therefore, the 4th International Conference on Smart Computing and Communication (SmartCom 2019) will focus on both smart computing and communications fields and aims to collect recent academic work to improve the research and practical applications. The scope of SmartCom 2019 covers a broad extent, from smart data to smart communications, from smart cloud computing to smart security. The conference is gathering all high-quality research/industrial papers related to smart computing and communications and targets at proposing a reference guideline for further research.

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

* Smart computing in new paradigms of smart data
* Big data security, Database security
* MapReduce in intelligent data
* Visualization in intelligent data
* Cloud-based real-time multimedia techniques in intelligent data
* Big data analytics and applications in mobile cloud computing
* Green cloud computing and big data
* Quality of Service (QoS) improvements techniques
* Case studies for various applications in big data
* Cyber hacking, next generation fire wall of smart data
* Cyber monitoring and incident response in smart data
* Digital forensics in intelligent data Intelligent database and business improvement in big data
* Intelligent data mining and optimizations in big data
* Social engineering, insider threats, advance spear phishing
* Cyber threat intelligence in big data
* Security and fault tolerance for embedded or ubiquitous systems
* Cloud-based intelligent data and security issues Tele-health security in intelligent data
* Sensor network security in big data Embedded networks and sensor network optimizations
* Cloud computing and networking models
* Heterogeneous architecture for cloud-based intelligent data
* Dynamic resource sharing algorithm for cloud-based intelligent data
* Load balance for cloud-based intelligent data
* Cloud-based audio/video streaming techniques
* Cyber Security in emergent technologies, infrastructures and applications
* Cyber Security in emergent technologies

**Committees**

**General Chairs**

Meikang Qiu, Columbia University, USA

Mark Sharma, Birmingham City University, UK

**Program Chairs**

Bhavani Thuraisingham, The University of Texas at Dallas, USA

Zhongming Fei, University of Kentucky, USA

Keke Gai, Beijing Institute of Technology, China

**Important Dates**

**Paper submission:** **June 30th, 2019**

Author notification: Aug. 15th, 2019

Camera-Ready: Spet. 5th, 2019

Registration: Sept. 5th, 2019

Conference date: Oct. 11th-13th, 2019

     