

# CALL FOR PAPERS

## The 2nd IEEE International Conference on Big Data Security on Cloud

(BigDataSecurity 2016)

April. 9th-10th, 2016, New York, USA

<http://csis.pace.edu/BigDataSecurity/BigDataSecurity2016/#>

*IEEE BigDataSecurity 2016 will be held at Columbia University's Schapiro Center, April 9th-10th, 2016.*



### General Chair

Meikang Qiu, Pace University, USA

Sun-Yuan Kung, Princeton University, USA

Hai Jin, Huazhong Science and Technology University, China

### Program Chair

Tao Zhang, New York Institute of Technology, USA

Jack Dongarra, University of Tennessee, USA

Weizhong Qing, Huazhong Science and Technology University, China

*Current dramatically increasing demands of big data have driven a remarkable growth of data mining, smart data, and data analysis in multiple domains. Security issues in applying big data have become a great concern for big data practitioners. IEEE BigDataSecurity 2016 addresses this domain and aims to gather recent academic achievements in this field. Moreover, cloud computing is the second concentration of BigDataSecurity 2016. The emerging mechanism of cloud computing has provided a variety of novel approaches addressing the solutions of big data. The accepted papers have to be presented orally at the conference and will be published by IEEE Computer Society Press (indexed by EI) and included in IEEE Digital Library. Selected best papers will be recommended to the special issues of well-regarded SCI journals.*

### Special Issue:

- ACM Transactions on Multimedia Computing, Communication and Applications (TOMM): "Multimedia Big Data: Networking" (MBDN)
- IEEE Transactions on Industrial Informatics: "Internet-of-Things for Smart Cities and Urban Informatics" (IoTSCUI).
- ACM/Springer Mobile Networks & Applications (MONET) Special Issue on Cloud-assisted Industrial Systems and Applications (CISA)
- Elsevier's Information Sciences: "Cryptography and Data Security in Cloud Computing" (CDSCC) (Impact Factor: 4.038)
- Elsevier Journal of Computer and System Science: "Theoretical and Algorithmic Foundations of Big Data" (TAFBD) (Impact factor 1.138)
- More information is available at <http://csis.pace.edu/BigDataSecurity/BigDataSecurity2016/specialissue.htm>

**Submission:** Submitted manuscripts should be written in English conforming to the IEEE conference proceedings format: [https://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](https://www.ieee.org/conferences_events/conferences/publishing/templates.html) (template). Full Papers (up to 6 pages complimentary, or 12 pages with the over length charge), Short Papers (up to 4 pages complimentary, or 5 pages with the over length charge), and Posters (up to 1 page complimentary, or 3 pages with the over length charge) are solicited. See Instructions for authors. All paper submissions must represent original and unpublished work. Papers must be submitted electronically in PDF format through EasyChair: <https://easychair.org/conferences/?conf=bigdatasecurity2016>

## Topics (not limited to)

- Novel big data model
- Big data security issues in cloud computing
- Big data privacy in cloud computing
- Big data storage, integration, service, mining
- Big data security applications
- Cyber hacking, next generation fire wall
- Cyber monitoring, incident response
- Database security, data center security
- Cyber threat intelligence
- Security and fault tolerance for embedded or ubiquitous systems
- Tele-health security in cloud computing
- Sensor network security in cloud computing
- Security policy and legal considerations
- Cloud and networking security
- Virtualization for big data on cloud
- MapReduce with cloud for big data processing
- Heterogeneous architecture for clouds

### Important Dates

<b>Paper Submission</b>	December 15 <sup>th</sup> , 2015
<b>Author Notification</b>	January 15 <sup>th</sup> , 2016
<b>Camera-Ready</b>	February 15 <sup>th</sup> , 2016
<b>Author Registration</b>	February 15 <sup>th</sup> , 2016
<b>Conference Date</b>	April 9 <sup>th</sup> -10 <sup>th</sup> , 2016

