

CALL FOR PAPERS
The 2nd IEEE International Conference on High Performance and Smart Computing
 (HPSC 2016)

April. 9th-10th, 2016, New York, USA
<http://csis.pace.edu/bigdatasecurity/BigDataSecurity2016/hpsc2016.htm>

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



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Meikang Qiu, Pace University, USA
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The rapid development of computing and communications technology has resulted in a great attention in high performance and smart computing (HPSC) in recent years. Both computing industry and research domain have a great demand of the high performance smart computing. As a key technology, smart computing is playing an important role in determining future research and development activities in many academic and industrial branches. High performance is another significant aspect when solving large and complex problems under a tight timing constraint. This international conference provides engineers and scientists in computing domain with an academic forum in which the new research achievements, ideas, and results are shared. The state-of-the-art smart computing applications and experiences in cloud computing and smart computing will be represented in this academic event. The objective of HPSC 2016 is to provide a forum for scientists, engineers, and researchers to discuss and exchange their new ideas, novel results, work in progress and experience on all aspects of smart computing and cloud computing.

Topics (not limited to)

- High performance smart computing
- High performance distributed computing
- Smart digital forensics
- Smart Big data security, Database security
- Smart social engineering threats
- Cyber threat intelligence
- Security and fault tolerance for embedded or ubiquitous systems
- Smart cloud security
- Tele-health security
- Sensor network security
- Embedded networks and sensor network
- Cloud computing and networking models
- Heterogeneous architecture for cloud computing
- Dynamic resource sharing algorithm for cloud computing
- Load balance for cloud computing
- Cloud-based audio/video streaming techniques

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 (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=hpsc2016>

Important Dates

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

