The 3rd IEEE International Conference on Data Science in Cyberspace (IEEE DSC 2018)

June 18-21, Guangzhou, China

CONFERENCE ORGANIZATION

HONORARY CO-CHAIRS
Binxing Fang, China Electronics Corporation, China
Philip S. Yu, University of Illinois at Chicago, USA
GENERAL CO-CHAIRS
Yan Jia, National University of Defense Technology, China
Jian Pei, Simon Fraser University, Canada
PROGRAM CO-CHAIRS
Jin Xu, Peking University, China
Jinjun Chen, Swinburne University of Technology, Australia
WORKSHOP CHAIR
Aiping Li, National University of Defense Technology, China
INDUSTRIAL TRACK CO-CHAIRS
Xiaolong Shi, Guangzhou University, China
Hui Lu, Guangzhou University, China
FINANCIAL CO-CHAIRS
Lihua Yin, Guangzhou University, China
Kan Zhang, Peking University, China
PUBLICATION CO-CHAIRS
Kaigui Bian, Peking University, China
Yuanxing Zhang, Peking University, China
PUBLICITY CHAIR
Bin Zhou, National University of Defense Technology, China
LOCAL CO-CHAIRS
Zhihong Tian, Guangzhou University, China
Le Wang, Guangzhou University, China

CALL FOR PAPERS

Data Science, as a highly interdisciplinary field, is playing a more and more critical and central role in the development of cyberspace and various applications. Data science in cyberspace is an integral part of competitive intelligence, a newly emerging field that encompasses a number of activities, such as data mining and data analysis. Data science in cyberspace inspires novel techniques and theories drawn from many areas, such as mathematics, statistics, information theory, computer science, and social science, and involves many specific domains, such as signal processing, probability models, machine learning, statistical learning, data mining, database, data engineering, pattern recognition and learning, visualization, predictive analytics, uncertainty modeling, data warehousing, data compression, computer programming, and high performance computing.

The IEEE International Conference on Data Science in Cyberspace (IEEE DSC) will bring together researchers and practitioners in the field of data science. IEEE DSC 2018 invites submissions on a wide spectrum of topics, including but not limited to the following areas:

1. Data Science

2. Big Data
3. Data Intensive Applications in Cyberspace
4. Data Intensive Systems
5. Social Networks & Social Media
6. Data Mining, Knowledge Discovery and Machine Learning
7. Information Retrieval and Smart Search
8. Cyberspace Security
9. Network Wisdom
10. Data Security and Privacy

We also host a set of workshops as follows:
1. Big Data and Business Analytics (BDBA)
2. Big Data Mining for Cyberspace (BDMC)
3. Data Intelligence and Security Analysis (DISA)
4. Data Visualization (DV)
5. Intelligent System Security (ISS)
6. Multi-Source Network Fusion and Analysis (MSNFA)
7. Vulnerability Analysis and Adversarial Learning (VAAL)

All submissions should be written in English and submitted via our submission system: http://www.ieee-dsc.org/2018/submission.html. A paper submitted to IEEE DSC 2018 cannot be under review for any other conference or journal during the entire period that it is considered for IEEE DSC 2018, and must be substantially different from any previously published work. Submissions are reviewed in a single-blind manner.

Accepted and presented papers of IEEE DSC 2018 will be published in the IEEE DSC 2018 conference proceedings and submitted to both EI Compendex and IEEE Xplore$^®$. Best papers from the conference proceedings will be selected by the board for follow-up fast-tracked journal publication in some well-known SCI indexed journals, including International Journal of Machine Learning and Cybernetics, IEEE IoT Journal (IoT-J), and Chinese Journal of Electronics (CJE), etc. Follow-up work is required based on each journal's policy.

IMPORTANT DATES
Full paper due: ~~March 27, 2018~~. extend to April 10, 2018.
Acceptance notification: ~~April 23, 2018~~. extend to April 30, 2018.
Camera-ready copy: ~~April 30, 2018~~. extend to May 7, 2018.
Conference date: June 18-21, 2018

WORKSHOP, PANELS, TUTORIALS, INDUSTRY PRESENTATIONS
In addition to technical contributions, IEEE DSC 2018 invites proposals for panels, workshops, tutorials, industry presentations. For workshops, DSC will provide administrative support for workshop room booking, registration.

CONTACT
PLEASE access our conference website (http://www.ieee-dsc.org/2018/) for details.