

The 5th IEEE International Conference on Intelligent Data and Security (IEEE IDS 2019)

May 27th-29th, 2019, Washington DC, USA

<http://www.cloud-conf.net/datasec/2019/IDS/index.html>

Intelligent data and security (IDS) is getting more and more attention due to the rapid development of computing and communication techniques. From national governments and industry players to consumer level demand, interest in high performance and smart computing has emerged from many different stakeholders. As a promising technology, high performance computing is playing an important role not only in traditional computer science domain but also in new branches such as Internet of Things, unmanned vehicles, and topics in artificial intelligent. Smart computing, as another significant aspect, provides solutions for complicated computing problems. The 5th IEEE International Conference on intelligent data and security (IEEE IDS 2019) is a research event cooperated with a number of conferences, such as IEEE BigDataSecurity 2019 and IEEE HPSC 2019. This 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.

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

- Security in new paradigms of intelligent data
- Cyber hacking, next generation fire wall of intelligent data
- Cyber monitoring and incident response in intelligent data
- Digital forensics in intelligent data
- Big data security, database security
- Intelligent database and security
- Intelligent data mining in security, optimization, and cloud computing
- Social engineering, insider threats, advance spear phishing
- Cyber threat intelligence and implementations 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 and solutions
- 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
- MapReduce techniques in intelligent data
- Visualization and optimization in intelligent data
- Cloud-based real-time multimedia techniques in intelligent data
- Mobile cloud computing and advanced applications
- Green cloud computing model, implementation, and framework
- Quality of Service (QoS) improvements techniques
- Case studies for various applications
- Cyber Security in emergent technologies, infrastructures and applications

Committees

General Chairs

Bhavani Thuraisingham, The University of Texas at Dallas, USA

Sun-Yuan Kung, Princeton University, USA

Meikang Qiu, Columbia University, USA

Program Chairs

Haibo Zhang, University of Otago, New Zealand

Yongxin Zhu, Shanghai Jiao Tong University, China

Yang Xiang, Deakin University, Australia

Important Dates

Paper submission: February 28th, 2019 (Firm)

Author notification: March 15th, 2019

Camera-Ready: April 5th, 2019

Registration: April 5th, 2019

Conference date: May 27th-29th, 2019