

**Proposed Special Session on
Cyber Security
At
7th World Congress on Information and Communication Technologies
South Asian University, Delhi, India.
December 14-16, 2017**

Objectives and Scope of the Session

Twenty years ago, the cyber-attacks were fragmented, simple to combat. The attackers attacks on servers and machines. Threats were made up of single step exploits. In today's cyber space, the threats have more holistic strategy and are adaptive. The threats these days directed includes humans and machines and are more targeted on critical infrastructure. The attacks are also multi-step exploits and are made up of covert tactics. Hence, a holistic approach to cyber security is needed that includes all threats actors, advance telemetry of the network and a defensive strategy that continuously adapts to the adversarial capabilities and threat landscape. The researchers in the area of computational modeling, cyber security, deep learning, machine learning(supervised and unsupervised), intelligent systems, data analytics needs to focus on management and technical issues related to critical networks and control systems; interdependence and resilience; assess the factors affecting effective risk management of interdependence systems in the context of critical national infrastructure and supply chain and designing and developing intelligent cyber security tools and technologies to identity, detect and combat cyber risks, threats and attacks dynamically. The session on cyber security aims to open up new areas of (i) Machine Learning, Intelligent systems, Computational modeling to counter cyber threats and (ii) Data Analytic for Cyber Threat Analysis.

Paper Publications

All accepted and registered papers will be published in AISC Series of Springer, indexed in *ISI Proceedings*, *EI-Compendex*, *DBLP*, *SCOPUS*, *Google Scholar* and *Springerlink*. (Listed in UGC approved list, please refer List 1- Page 32 - S.No. - 1375) (http://www.ugc.ac.in/pdfnews/8919877_Journals-1.pdf)

Important Dates

Paper Submission Due: October 10, 2017

Notification of paper Acceptance: October 31, 2017

Registration and Final manuscript due: November 15, 2017

Special Session Chairs

Dr. Shruti Mantri, Department of CS and IT, DES's Society's Kirti M. Doongursee College,
University of Mumbai, India

Professor Namrata Agrawal, National Institute of Financial Management, Faridabad, India

Lt. Vineet Kumar, President, Cyber Peace Foundation, New Delhi, India

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