SPECIAL SESSION ON FUSION OF INTERNET OF THINGS AND BIG DATA

SESSION CHAIR(S)

Dr. Sudeep Tanwar
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AIMS & SCOPE
This special session on fusion of Internet of Things and Big data will focus on the emerging challenges and disruptions that are happening around the Internet connectivity with the introduction of 6LoWPAN (IPv6), M2M, Low Power Wide Area Networks (LP-WAN), NB-IoT and Ultra Narrow Band for enabling a wide range of global communication solutions that offer the bandwidth, coverage, costs and power consumption for every potential scenario. This track also covers all aspects on their ideas, results, theories, visions, and experiences in big data relevant sciences, technologies, and application associated with Big Data.

PUBLICATIONS:

All the accepted and presented papers (after double blinded peer review) will be submitted to Springer CCIS Series (CCIS Series is Indexed in Scopus, DBLP) for consideration to publication in CCIS Series Book. Book. CCIS Series book with valid ISBN number will be published for the conference proceedings.

Further extended papers may be considered in the special issues of ESCI/SCOPUS/WoS/DBLP/ACM indexed Journals as per the guidelines of respective journal mentioned below;

Visit the URL to check Scopus Indexing of Springer CCIS Series
http://www.springer.com/series/7899

1. Special Issue On: Security Issues and Challenges in Software, Hardware and Information System
International Journal of Secure Software Engineering (IJSSE)

URL of Special Issue: https://www.igi-global.com/calls-for-papers-special/international-journal-secure-software-engineering/1159

Journal Indexing: IET Digital Library(INSPEC), ACM Digital Library, DBLP, Google Scholar, Cabell's Directories etc.

Submission Due Date: 2/25/2018

2. Special Issue On: Big Data Analytics and Internet of Everything-Fusion for Various Administrations
International Journal of Grid and High Performance Computing(IJGHPC)

URL of Special Issue: https://www.igi-global.com/calls-for-papers-special/international-journal-grid-high-performance/1105

Journal Indexing: ESCI, SCOPUS, WEB OF SCIENCE, IET Digital Library(INSPEC), ACM Digital Library, DBLP, Google Scholar, Cabell's Directories etc.
Submission Due Date: 12/31/2017

TOPICS OF INTEREST

Full length original and unpublished research papers based on theoretical or experimental contributions related to the below mentioned tracks are invited for submission in this special session:

Tracks: (Sub-Themes)

- IPv6 and Global Internet Connectivity for the IoT (6LoWPAN, GLoWBAL IP, etc.)
- Innovative Internet Connectivity in LP-WAN, WPAN etc.
- Innovative Internet of Things data architectures (Publish / Subscribe, Blockchain, etc.)
- Digitalization of the physical world via Edge Computing and Cloud Computing Services
- Data Context brokers and scalable data management
- Security, Trust, Privacy, Identity Management and Object Recognition in the IoT
- Data management, Data Fusion and Big Data
- Edge Computing and Distributed architectures for sensing, control and processing
- Semantic Technologies for the IoT, Linked Data and Web of Things
- Internet of Things Experimentation Infrastructures and Testbeds
- Experiences with Federated Testbed and Scalable deployment of services
- Interoperability between IoT platforms
- IoT Devices Management
- Human-oriented and context-aware IoT services
- Lightweight structured data (EXI, JSON, Schema.org, NGSI Data Models…)
- Energy and Green Technologies for the IoT
- Novel concepts for human and social integration in the Internet of Things such as Crowd-sensing and Social IoT.
- Large Scale Pilots Experiences and field trials
- Applications of the Internet of Things in: Connected Home, Connected Car, Smart Cities
- Big data models, theories, algorithms, approaches, solutions
- Machine learning, data mining, web mining, and graph mining
- Big data practices and applications
- Big data in, with, and for communications and networking
- Big data retrieval, processing, analysis, and analytics
- Big data integration and visualization
- Big data standardization and regulation
- Big data classifications, benchmarks and metrics
- Big data acquisition, integration, cleaning, and practices
- Big data in and for research, sciences and technologies
- Big sciences and technologies
- Big business and industries
- Big data storage and management

PAPER SUBMISSION PROCESS:

Paper Submission Process:
Please submit your paper (in word/pdf format) at following emails:

Email: sudeep.tanwar@nirmauni.ac.in, priyank.thakkar@nirmauni.ac.in with Subject Line 'Research Paper for Special Session **FTNCT 2018** from your email.

You may also upload the paper through easy chair on the conference website. Details are as follows;

http://www.juit.ac.in/FTNCT-2018/submission.php

For any further queries related to this special session, please contact the session chair at:
Email ID: sudeep.tanwar@nirmauni.ac.in, priyank.thakkar@nirmauni.ac.in

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Important Dates:

Paper Submission Due	**10/ 12/2017**
Acceptance Notification Due	**20/01/2018**
Submission of Accepted Camera-Ready Papers Deadline	**27/01/2018**
Author Registration Due	**02/02/2018**
Conference	**9 to 10 Feb 2018**

Technical Program Committee (TPC):

Dr. Joel J P C Roudrigues, Professor at the Instituto de Telecomunicacoes, Portugal, University of Fortaleza (UNIFOR), Fortaleza - CE, Brazil, Chair of the IEEE ComSoc Technical Committee on eHealth, Founder and Chair of the Special Interest Grouop on Modeling and Simulation Tools from IEEE ComSoc Technical Committee on Systems Integration and Modeling, Editor-in-chief of the Book Series, Advances in Multimedia and Interactive Technologies, Editor-in-chief of the International Journal of E-Health and Medical Communications, Editor-in-chief of the Recent Advances on Communications and Networking Technology, Editor-in-chief of the Journal of Multimedia Information Systems

Dr. Pljonkin Anton Pavlovich, Department of Information Security of Telecommunication Systems, Institute of Computer Technologies and Information Security, Southern Federal University, Russia

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2. In case, any registered paper/article is rejected by the Springer for its publication with their conference proceeding due to any reason (mentioned at point number-01), the sole responsibility shall lies with authors of that article. As we clearly stated on the first and home pages, that Springer will conduct quality checks on the accepted papers and only papers that pass these checks will be published.

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5. The organizers will have not have any responsibility for any of registered/presented papers, if not accepted/approved by the Springer for publication in their conference proceeding due to any of the reason as specified in point 1 and 2 or because of any specific reason sometimes depends upon manuscript to manuscript too.