



Call for Papers

2018 Futuristic Trends in Network and Communication Technologies (FTNCT-2018)

09-10th February, 2018

Department of Computer Science & Engineering and Information
Technology

Jaypee University of Information Technology

P.O. Wagnaghat, Tehsil Kandaghat, Solan-173234, Himachal Pradesh,
INDIA.



CSI CHANDIGARH CHAPTER



ACM JUIT STUDENT CHAPTER



SOUTHERN FEDERAL UNIVERSITY, RUSSIA
(Academic Partner)



PERSISTENT

PERSISTENT SYSTEMS (Industry
Partner)



**COMPUTER SOCIETY OF INDIA, CHANDIGARH
CHAPTER (Technically Associated)**



SPECIAL ISSUES(Technically Associated)



**Sciences and Technologies of Image and
Telecommunications (SETIT) of Sfax
University, (Tunisia) (Technically Associated)**



Conference Alerts (Technical Promoter)

AIM and SCOPE

The prime aim of conference is to invite the researchers from different domains of Network and Communication Technologies at a single platform to show case their research ideas. Conference will cover the novel ideas from network technologies, algorithms, surveys, communication challenges and future research aspects. Topics of interest include, but are not limited to the following tracks; Network Technologies, Wireless Networks, IoT & Communication Technologies. Conference will provide total four technical tracks to all authors for their submission. So, each author may identify the most suitable track matching to their article/ research paper for submission of paper. Conference is proposed with the idea of an annual ongoing event to invite researchers on a single platform to exchange their ideas and thoughts. It will definitely evolve as an intellectual asset in long term years after years. Efforts will be put to make this conference as one the best conference in its area in upcoming years. Research papers from each track after the positive blind peer review from at-least two reviewers from three reviewers will be selected for oral presentation during the conference. Selected papers after the further revision will be submitted to Publishing Partner.

TECHNICAL TRACKS

Original unpublished articles are invited for submission to following tracks including the topics, but are not limited to:

Track 1-Network Technologies:

Network Performance Analysis, Parallel & Distributed Networks, Internet of Things Networks, Social & Smart Networks, Software Defined Networks, Vehicular Ad-hoc Networks, Mobile Ad-hoc Networks, Delay Tolerant Networks, Fault Tolerant Networks, Body Area Networks, Opportunistic Networks, Cognitive Radio Networks, Parallel and Distributed Networks, Network Dependability, Network Optimization, End-to-end resilience, Quality of service in Networks, Mobile & Ubiquitous Computing, Network and Information Security, Network Service and Applications, Network and Service Management and related topics.

Track 2 – Wireless Networks: Wireless Multimedia Sensor Networks, Cross Layer Design in WSN, Network Security and Attacks, Network Protocols and QoS, Energy Efficiency, Time Synchronization in WSN, Query Processing and Data Aggregation, Node Clustering in WSN, Routing and Architectures in WSN, High Speed Wireless Networks, Wireless Network Management, Bandwidth Optimization and related topics

Track 3- Internet of Things (IoT): IoT Architectures & Protocol, IoT's impact on 5G, IoT system architecture, IoT enabling technologies, IoT communication and networking protocols such as network coding, and IoT services and applications, IoT demands, impacts, and implications on sensors technologies, IoT & big data management, and future internet design for various IoT use cases, such as smart cities, smart environments, smart homes, Internet of Things (IoT) for education, Cloud based e-Learning and offer as a service, Big Data and Cloud in Hospital Management Systems (HMS), Decision support systems, expert systems for knowledge capturing, extraction and modeling in context to E-Learning, Mobile learning and related topics.

Track 4 –Communication Technologies: Satellite Communication, Interactive communication, Mobile Communication, Optical Communications and Networking, Wireless Communications and Networking, Future Internet Architecture and Protocols, Green Communications, Cloud Computing and Networks, Digital Modulation and Signal Processing, Coding and Information Theory, Speech/Image/Video Processing and Communications, Networked Control Systems, Networked Robots and Devices, Cloud and Swarm Robotics, Multimodal Human-Machine Interaction, Virtualization, Virtual Private Cloud & Services, and related topics

PAPER SUBMISSION:

Authors are invited to submit full papers in English of not more than 12 pages (including figures, tables & references) in Springer format. Submissions must present original work that has not been previously published, and is not under submission elsewhere. All articles will be reviewed for scientific quality by the Technical Program Committee and external reviewers. Submissions should use the general Springer template with the minimum font size of 10 points. All papers must include a title, complete contact information for all authors, and keywords on the cover page. The corresponding author should be identified clearly. Papers must be submitted electronically (in doc/docx/ PDF format) via on-line submission using the Easy Chair system at the following link: <https://easychair.org/conferences/?conf=ftnct2018>

If you encounter problems in submitting contact at ftnct2018@gmail.com

PUBLICATION:

All the accepted and presented papers (after double blinded peer review) will be submitted to Springer CCIS Series (Springer CCIS Series) for publication and 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: IET Digital Library(INSPEC), ACM Digital Library, DBLP, Google Scholar, Cabell's Directories etc.

Submission Due Date: 12/31/2017

IMPORTANT DATES:

Submission of Full Papers Deadline:	10th December, 2017
	Extended up to 25th December, 2017
Notification of Acceptance Deadline	25th January, 2018
Submission of Accepted Camera-Ready Papers Deadline	27th January, 2017
Author's Registration Deadline	02nd February, 2017
Conference Dates	09-10th February, 2018

CONTACT INFORMATION:

Dr. Pradeep Kumar Singh
Executive General Chair- FTNCT 2018
Desk Phone: +91-1792-239301(Office)
Personal Phone: +91-9816627732
Fax: +91-1792-245362
Email: ftnt2018@gmail.com
<http://www.juit.ac.in/FTNCT-2018>