

CALL FOR PAPERS

The 2nd International Conference on new Trends in Computing Sciences (ICTCS'19) is organized by the King Hussein School for Computing Science at Princess Sumaya University for Technology in cooperation with the Scientific Research Fund at the Ministry of Higher Education, Prince Mohammad bin Fahd University (PMU) and the Royal Scientific Society (RSS). Building on the resounding success of its first edition, the goal of the conference is to continue providing international biannual forum where international scientists meet with Jordanian scientists from the different fields of computer science to exchange ideas and information on current trends of research results, system developments, and practical experiences. The conference will include distinguished keynote addresses with speakers from both industry and academia. Papers reporting original and unpublished research are solicited. All submitted papers will be judged based on their quality and relevance through double-blind reviewing. The conference is technically co-sponsored by the IEEE Jordan Section and will be published by the Conference Publishing Services (CPS). The proceedings of the conference will be submitted to IEEEExplore and Computer Science Digital Library (CSDL) for indexing

Paper Submission Deadline	30/04/2019
Decisions to Authors	30/06/2019
Camera-Ready Deadline	31/08/2019
Early Registration Deadline	22/09/2019
Conference Date	09/10/2019

Prospective authors are invited to submit papers in any of the following areas (not limited to):

Data Science and Big Data

- Evolutionary Computation
- Big Data Analytics
- Information Retrieval for Big Data
- Social Network Analysis
- Data and Text Mining
- Computational Modeling
- Data Engineering
- Mining Massive Data
- Data Visualization

Computer and Network Security

- IoT Security
- Botnet Detection and Prevention
- Mobile, Cloud, FMEC Security
- Big Data Security
- Cloud Computing Security
- Network Flow Analysis
- Intrusion Detection and Prevention
- Digital Forensics and Anti-Forensics
- Malware Analysis and Memory Forensics
- Network Security

Natural Language Processing

- Semantic Processing
- Latent Semantic Analysis
- Linguistic Resources
- Text Entailment
- Machine Translation
- Information Retrieval
- Text Mining
- Question Answering
- Speech Analysis and Recognition

Intelligent Systems

- Knowledge Representation
- Multi-Agent Systems
- Machine Learning
- Fuzzy Systems
- Expert Systems
- Computer Vision
- Neural Networks and Applications
- Pattern Recognition
- Automated Problem Solving

Electronics and virtual Learning

- e-Learning Tools
- Mobile Learning
- Gamification
- Collaborative Learning
- Educational Systems Design
- Virtual Learning Environments
- Virtual reality for education and workforce training

Internet of Things (IoT)

- Architectures for the IoT
- IoT new designs and architectures
- IoT/M2M Management.
- Interoperability of IoT systems
- IoT applications
- Security and privacy of IoT
- Reliability of IoT
- Scalability issues for IoT networks.
- Disaster recovery in IoT

Papers Submission Guidelines:

Only original unpublished contributions are solicited for presentation. Plagiarism in any form will lead to the rejection of the paper. Authors are requested to submit their papers through EasyChair submission system ([available here](#)) on or before April 30, 2019. Simultaneous submissions (papers already submitted to other conferences/journals) are not allowed. All papers must follow strict IEEE formatting instructions. Violation of which will lead to rejection of the paper. Submitted papers should be written in English with a maximum length of 6 pages. No-show papers are defined as papers submitted by authors who subsequently did not present the paper in-person (no videos, no remote cast) at the conference. No-show papers will be identified as "No-Show" and will not be published. No refund of the paid fees can be claimed by the no-show author.

The conference will host the following workshops:

- Natural Language Processing
- Data Science
- Digital Forensics and Incident Response
- Pathway in Forensic Computing (FORC)
- Virtual innovative teaching and learning (JOVITAL)

Paper Format

It is required that the manuscript follows the standard IEEE camera-ready format.

- IEEE templates in MS Word, [here](#)
- LaTeX Formatting Macros, [here](#)

Review process:

- Double-blind reviewing
- Minimum of 2 reviewers per paper; all reviewers are subject matter experts
- Each reviewer will be given a maximum of 3 papers to review in a one month period.
- Papers will be checked for plagiarism