



New Trends in Information Technology
9 - 11 June 2020

Call for Papers

The Second International Conference on New
Trends in Information Technology - NTIT 2020

Organized by

King Abdullah II School of Information Technology
The University of Jordan



Introduction

“New Trends in Information Technology (NTIT) - 2020” The 2nd International Conference on New Trends in Information Technology (NTIT-2020) is organized by King Abdullah II School of Information Technology, The University of Jordan. The main aim of the NTIT conference series is to cover new trends and advances in Information Technology. The second version of NTIT - conference series (NTIT - 2020) focuses on six main tracks (themes). These tracks are:

- New Trends in Artificial Intelligence
- New Trends in Software Engineering
- New Trends in Computer Security
- New Trends in Data Science
- New Trends in Network Technologies
- New Trends in High-Performance Computing

In addition, NTIT-2020 will host specialized workshops to cover state-of-the-art topics and the latest technologies in computing. These workshops are moderated by the conference organizing committee and contributors from Jordanian and International Universities. We invite you to suggest and organize specialized workshops during the conference.

Authors of selected papers will also be invited to prepare extended book chapters to be published by Springer

Full Paper Submission due on 2nd February 2020.

Conference Tracks

We invite researchers to submit articles that provide a timely and concise account of innovative research ideas and application results, reporting significant theoretical findings and application case studies in (but not limited to) the following tracks of the conference:

1. New Trends in Artificial Intelligence

- Evolutionary Computation
- Heuristic and Metaheuristic Approaches
- Data Mining
- Machine Learning
- Deep Learning
- Decision Management
- Robotic Process Automation
- Natural Language Processing (NLP)
- Text Analytics
- Natural Language Generation
- Speech Recognition
- Computer Vision
- Image Processing

2. New Trends in Software Engineering

- Software Engineering Processes and Methodologies
- Software Deployment and Operations
- Software Testing
- Software Development
- Software Requirement

3. New Trends in Computer Security

- Cyber and Network Security
- Blockchain Technology
- Digital Forensics
- Mobile Security
- Internet of Things (IoT) Security
- Cellular Networks 4G/5G Security
- Network and Distributed Systems Security
- Big Data Security
- Cloud Computing Security
- Fog and Edge Computing Security
- Social Networks Security

4. New Trends in Data Science

- Data, analytics, and AI strategy and architecture
 - BI, interactive analytics, and visualization
 - Data integration and processing
 - Data management and storage
 - Data quality
 - Data science and machine learning
 - Tools, platforms, or frameworks
 - Streaming and IoT
 - Visualization for Big Data Analytics
 - Semantic Web Designing and Programming
 - Human-Web Interaction
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5. New Trends in Network Technologies

- Internet of Things (IoT)
- Cellular Networks 4G/5G
- Wireless Networks
- Fog and Edge Computing
- Next-Generation Networking
- Social Networks
- Interconnection Networks

6. New Trends in High-Performance Computing

- Computational Data Science
 - Computational Optimization
 - Parallel Computing for Big Data
 - Big Data Analytics
 - Cloud Computing
 - Green Computing
 - Cluster and Grid Computing
 - Parallel and Distributed Computing
 - System Architecture and Infrastructure
 - Optoelectronic Architectures
 - Distributed Systems
 - System Programming
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Paper Submission

Researchers are invited to submit articles (6-8 pages), that provide a timely and concise account of innovative research ideas and application results, reporting significant theoretical findings and application case studies.

Paper submission opens on 01/12/2019. For more information about paper submission and format, please refer to the submission page on the conference website. <http://ntit-conf.com/>.

Local Organizing Committee

- Prof. Amjad Hudaib (Chairman)
 - Prof. Hazem Hiary
 - Dr. Majdi Sawalha
 - Prof. Nadim Obeid
 - Prof. Rizik Al-Sayyed
 - Prof. Bassam Hammo
 - Dr. Hamad Al-Sawalqah
 - Prof. Khair Eddin Sabri
 - Dr. Basema Shuqairat
 - Dr. Dana Al-Qudah
 - Dr. Ibrahim Al-Jarrah
 - Dr. Ruba Obaidat
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Important dates

First call for Papers:	1/11/2019
Second call for Papers:	1/12/2019
Paper submission opens:	1/12/2019
Registration opens:	1/3/2020
Full paper submission deadline:	2/2/2020
Notification of Accepted papers:	15/3/2020
Camera ready:	19/4/2020
Main Conference:	9-11/6/2020

Registration fees

Participant (author)	US\$150
Participant (non-author)	US\$150
International student	US\$100
Jordanian student	Free (student ID must be provided)

Contact Information

If you have questions, please consult the conference website at <http://ntit-conf.com/>

Alternatively, contact us by e-mail: inquiries@ntit-conf.com