



New Trends in Information Technology

9 - 11 June 2020

Call for workshop

The First 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; (i) Artificial Intelligence, (ii) Software Engineering (iii) Computer Security, (iv) Data Science, (v) Network Technologies, and (vi) 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 researchers to submit proposals for organizing workshops and tutorials that provide a timely, concise account innovative research ideas, and directly related to the theme of the conference “New Trends in Information Technology”. We advise workshop organizers to submit their proposals in the fields that contribute to research and development in Jordan taking into account national research priorities as defined by the Jordanian Ministry of Higher Education.

Accepted papers will be published in a special workshop proceeding and will be available online at the conference website. Workshop organizers are advised to publish the workshop proceedings as a journal special issue.

List of national research priorities*

1. Information Security and protection and protection and Computer Crimes

- Building & management of e-information Emergency Response Teams (CERT).
- Security of data transfer over national networks.
- Development of security algorithms for electronic smart cards.

2. Design and Efficiency of Computer Networks

- Security of wired and wireless computer networks.
- Infrastructures, protocols, and applications of the new generation of computer networks.
- Computer network management and the management of the national computer network.

3. Software Engineering

- The building of criteria and foundations for software development.
- Programming languages evaluation criteria.
- Software quality assurance.

4. Preparation of the infra-Structures for Internet Applications

- Internet application development by using the available safe and software.
- Multimedia transfer (audio and video) over internet protocol.
- Development of the geographical information system infrastructure.

* List of national research priorities published by Scientific Research & Innovation Fund, Jordan Ministry of Higher Education, Jordan. <http://srf.gov.jo/National-priorities>

5. Arabic Language Computing and Processing

- Arabic search engines.
- Searching in the content of Arabic databases.
- Arabic language corpus.

6. Information Technology in Health, Energy, Environment, and Agriculture

- Software and hardware solution for solar system best utilization.
- Using software solution in health care.
- Software solution for issues related to the control system.

7. Electronic Content and Education and Knowledge-Based Society

- Design & implementation of interactive software and e-learning.
- Determining of new criteria for the e-content and suggesting new Arabic learning standards.


8. Arabic Electronic Content

- Arabic e-content management and standards.
- Specialized Arabic content development.
- Developing specialized social websites.

9. Technology Awareness and the Inspiration of its Acceptance

- Enrichment technology spread in Jordan.
- Supporting computer utilization in the higher education sector.
- Technology utilization for people with special needs.

10. Management of Information Systems and Knowledge Management

- Applications of management support systems in the Jordanian work environment.
 - Development of the applications of the e-university.
 - Development of the applications of the e-government.
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Submission information

Researchers are invited to submit proposals for organizing workshops and tutorials that provide a timely, concise account of innovative research ideas, and directly related to the theme of the conference “New Trends in Information Technology”.

Proposals should be (1500 – 3000) words for a half-day or a full-day. They should also provide details of technical requirements such as computer labs, software or any type of assistance.

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

Important dates

Call for Workshop proposals:	1/11/2019
Workshop proposals submission due on:	15/12/2019
Notification of accepted workshops:	22/12/2019
Camera-ready of workshop proceedings:	19/04/2020
Workshops & Tutorials:	11/06/2020

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