

## Advanced Machine Learning & Deep Learning

The 10<sup>th</sup> International Conference on Information Technology (ICIT 2021) will be held on 14-15<sup>th</sup> July 2021 in Amman, Jordan. Al-Zaytoonah University of Jordan organizes this Conference and technically co-sponsored by IEEE. The Conference will bring together the top researchers worldwide to exchange their research results and address open issues in Data Science and Machine Learning, Computer Security, Software Engineering, Computer Networks and IoT, Computer Engineering, Mathematical Modeling and Analysis, and Multimedia. All papers must be written in English and will be reviewed by the technical committees of the Conference. All accepted papers will be submitted for inclusion in the IEEE Xplore Digital Library as well as Scopus. Authors of selected papers will also be invited to prepare extended papers of their work for publication in specialized journals.

The ICIT 2021 conference is soliciting state-of-the-art research papers in (but not limited to) the following areas of interest:

### General Chair:

- Prof. Amjed Zraiqat

### Program Chairs:

- Chair: Prof. Mohammad Alia
- Co-Chair: Dr. Khulood Abu Maria

### Organizing Committee:

- Chair: Dr. Thamer Rawashdeh
- Co-Chair: Dr. Mohammad Abdallah

### Technical Program Committee:

- Chair: Dr. Ahmad Al-Thunibat
- Co-Chair: Dr. Hani Al-Mimi

### Publication Committee:

- Chair: Dr. Khalid Jaber
- Co-Chair: Miss. Eman Abu Maria

### Publicity Committee:

- Chair: Dr. Shadi Alzu'bi
- Co-Chair: Dr. Mohammad El-bes

### Important Dates:

- Paper Submission Deadline: 15<sup>th</sup> April 2021  
30<sup>th</sup> April 2021
- Author Notification: 30<sup>th</sup> April 2021
- Camera Ready: 15<sup>th</sup> May 2021
- Conference: 14-15<sup>th</sup> July 2021

## Tracks 2021

### Data Science

Big Data, Deep Learning, Bioinformatics, Data Analysis, Data Mining, Data Wrangling, Data Science Management.  
(Chair: Dr. Bilal Hawashin)

### Intelligent Systems

Machine Vision, Machine Learning, Deep And Reinforcement Learning, Human-computer Interaction, Natural Language Processing, Intelligent Global.  
(Chair: Dr. Tarek Kanan)

### IoT & Smart Networking

Wireless Sensor And Ad-hoc Networks, Wireless Networks, Internet Of Things, Software-defined Networks, Content Delivery Networks, Multimedia Transmission Systems, Quality Of Service, Network Coding, Network Management, Performance Evaluation, Media Access Control Protocols.  
(Chair: Dr. Adnan Hnailf)

### Multimedia & Image Processing

Augmented Reality, Mixed Reality, Network And Operating System Support For Multimedia, Multimedia File Systems And Databases, Pattern Recognition, Computer Vision, Medical Applications, Multimedia Processor architecture, Animation, Virtual reality, 3D imaging, Audio, image, and video analysis, Modeling.  
(Chair: Dr. Mustafa Al-Rifae)

### COVID-19 Information Technology Trends

Online Shopping And Robot Deliveries, Digital And Contactless Payments, Remote Work, Distance Learning, Telehealth, Online Entertainment, Robotics, Algorithms, High-performance Computing, Distributed Systems, Quantum Computing, Cloud Computing, Fog Computing.  
(Chair: Dr. Mohammad Lafi)

### Software Engineering

Software Engineering And Quality, Continuous Software Engineering (E.G., Devops, Agile, Etc.), Formal Methods Applied To Software Engineering, Human And Social Aspects Of Software Engineering, Machine Learning Applied To Software Engineering, Model-driven Software Engineering, Search-based Software Engineering, Software Architecture, Software Economics And Metrics, Software Engineering Education And Training, Software Maintenance And Evolution, Software Process, Information Systems.  
(Chair: Dr. Wael Al-Zyadat)

### E-Technologies

E-business, E-learning, E-government, Digital Marketing, Smart Cities, Mobile Applications.  
(Chair: Dr. Nagham Al-Madi)

### Computer Security

Information Security, Cybersecurity, Data Protection, Digital Forensics, Blockchain And Machine Learning For Cybersecurity, Behavioral Biometrics Authentication, Privacy By Design, Anonymity Of Blockchain And Cryptocurrencies, Hacking Pacemakers, Prediction Of Cyberattacks, Ransomware Cyberweapon, Laws And Regulations, Cybercrime Awareness.  
(Chair: Dr. Farhan Farhan)

### Engineering Applications using Machine Learning

Computer Architecture, Embedded Systems, Digital Circuits Applications, Parallel And High-performance Processing, Performance Evaluation And Modeling, Storage Systems, Gpus, Multicore Processors, Hardware Accelerators.  
(Chair: Dr. Mohammad Al-Rawajbeh)

### Mathematical Modeling and Analysis

Operations Research, Risk Management, Statistical Process And Analysis, Computer Graphics And Differential Equations, Applied Problems And Methods In Research And Education, Mathematical Modeling In Computing And Optimization, Computational Methods And Combinatorics, Data Analysis.  
(Chair: Prof. Iqbal Jebri)

**Papers submission:** Prospective authors are invited to submit full papers according to IEEE format (available at: <https://www.ieee.org/conferences/publishing/templates.html>) using the online paper submission system located at the conference website <http://icit.zuj.edu.jo/>