



2023 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT)

22 - 24 May 2023, Amman, Jordan

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Papers

JEEIT 2023 is the joint conference that IEEE Jordan Section and Jordan Engineers Association (JEA) organize. JEEIT 2023 merges the following two conferences in one conference with one organizing committee, program, and proceedings.

1. The 7th IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies (**AEECT 2023**)
2. The 13th Jordanian International Electrical and Electronic Engineering Conference (**JIEEC 2023**)

This IEEE-listed conference provides a unique forum to discuss practical approaches and state of the art findings pertinent to applied electrical engineering and information technology. JEEIT 2023 program includes keynote addresses, panel discussions, paper presentations, exhibition, and workshops. All papers will be peer reviewed by at least three reviewers based on full paper submission. Accepted papers will be published in the conference proceedings, and the presented papers will also be submitted to the IEEE Xplore Digital Library and indexed in SCOPUS.

Organizing Committee

- Dr. Ala' Khalifeh, JEEIT General Chair, IEEE Jordan Section Chair, German-Jordanian University (GUJ)
- Dr. Ali Al Khwaldeh, JEEIT Co-Chair, Electrical Engineering Division Chair, Jordan Engineers Association
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- Eng. Maha Mouasher, IEEE

CFP Track Chairs and Main Topics

Track Chairs: Prof. Abdullah Al-Odienat, Dr. Jumanah Alshawawreh

Electric Power Systems: Power System Analysis, Dynamics, Modelling, Protection, Computing, Stability and Control, Electromagnetic Transients, Power Quality, Substation Automation, Wide Area Monitoring and Control, Phasor Measurement Units, Electric Apparatus for Power Delivery, HVDC Transmission, Grounding Systems, Forecasting in Future Power Systems, Asset Management, Power System Resilience.

Track Chairs: Dr. Mohammed Hajahmed, Dr. Emad Awada

Sustainable Energy Systems and Smart Grids: Integration of Renewables, Electrification of Heat and Transport, Optimal Use of Energy Sources, Active Network Management, Energy Storage Technologies and Applications, Demand Response, Virtual Power Plant, Energy Management Systems, Integration of Power Electronics Devices, Data Analytics, Energy Markets and Regulation, Peer-to-Peer Energy Trading.

Track Chairs: Prof. Awad Al-Zaben, Prof. Jamal Al-Nabulsi,

Biomedical Engineering: Biomedical Signal and Image Processing, Biomedical Instrumentation, Biomedical Systems Modeling, Biomedical Electronic Circuits and Systems, Biomechanics, Artificial Organs and Prosthesis, Rehabilitation and Therapeutic Systems, Biomaterials and Tissue Engineering, Biomedical and Health Informatics, Clinical Engineering, Biomedical Monitoring, Neuro- Engineering, Smart Biomedical Sensor

Track Chairs: Prof. Tarek Tutunji

Control, Robotics, and Mechatronics: Control Methods and Systems, Automation and Instrumentation, Modeling and Simulation, Mechatronic System Design, System Identification, Robotics, Manufacturing Methods, Automotive and Autonomous Systems, Navigation, Mapping and Localization, Intelligent Systems, Sensor Technology, Sensor Fusion, Design and Optimization.

Track Chair: Dr. Wael Al-Qassas

Data Science and Artificial Intelligence: Big Data, Data Analytics, Predictive Analytics, Data Mining, NLP, Data Science Management, Data Wrangling, Machine Learning, Searching & Swarm Intelligence, Bioinformatics, AI Responses to the COVID-19 Pandemic (Covid19).

Track Chair: Dr. Anas AlMajali

Cyber Security: Network Security, Digital Forensics, Incident Response, Malware Analysis, Mobile Security, Big Data Security, Trust Computing, Data Security and Privacy, Data Hiding and Anti-Forensics, Cloud Computing Security, Threat Intelligence, Threat Hunting, Machine Learning, IoT Security, Data Privacy, Cryptography, Information Security, Cyber Threats, Blockchain Security.

Track Chair: Dr. Abdallah Qusef

Computing Sciences Trends: E-applications, Cyber-Physical Systems, Internet of Things Applications (IoT), Industry 4.0, Cloud Computing and Virtualization, Software Engineering and Quality, Mobile Computing, Databases, Algorithms, High Performance Computing, Distributed Systems, Digital Transformation, Health Informatics, Computer Graphics & Animation.

Track Chairs: Dr. Sami Aldalameh, Dr. Luae' Al Tarawneh

Communication: 5G & Beyond 5G Communication Systems, Massive MIMO Systems, Cognitive Radios, Machine Learning for Communications, Power Line Communications, Green Communication, Communication QoS, Optical Communications, Signal Processing in Communications, Satellite and Space Communications, Wireless Communications for IoT, Non-Orthogonal Multiple Access (NOMA) Technologies.

Track Chair: Prof. Omar Daoud, Dr. Eyad TaqieEddin

Computer Networks: Wireless Sensor and Ad-hoc Networks, Internet of Things (IoT) and Wireless Sensor Networks (WSN), Software Defined Networks, Content Delivery Networks, Multimedia Transmission Systems, Quality of Service, Network Management, Performance Evaluation, Network Protocols, Deterministic and Time-Sensitive Networking, Container Networking.

Important Dates

Paper Submission Deadline	Jan 15, 2023
Review Decision Notification	Feb 15, 2023
Final Submission	March 15, 2023
Author Registration	March 15, 2023
Attendee Registration	May 02, 2023



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