2025 IEEE Jordan International Joint Conference on Electrical Engineering and Information Technology (JEEIT)

28th – 30th October, 2025, Amman, Jordan

http://jeeit.net/

Call for Papers

JEEIT 2025 is the joint conference that IEEE Jordan Section and Jordan Engineers Association (JEA) organize. JEEIT 2025 merges the following two conferences in one conference with one organizing committee, program, and proceedings.

1. The 8th IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies (**AECCT 2025**)
2. The 14th Jordanian International Electrical and Electronic Engineering Conference (**JIEEEC 2025**)

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 2025 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.

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CFP Track Chairs and Main Topics

Technical Program Committee Chair: Prof. Mohammad Salah

Sustainable Energy/Power Systems and Smart Grids: renewable energy integration, electrification of heat and transport, optimal use of energy resources, active network management, energy storage, demand response, virtual power plants, energy management, power electronics, data analytics, forecasting, energy markets, peer-to-peer trading, power system analysis, dynamics, stability, control, electromagnetic transients, power quality, protection, automation, wide-area monitoring, HVDC transmission, grounding systems, and resilience.
Track Chair: Dr. Khaled Alzaareer

Electronics Engineering and Nano Technology: analog and digital electronics, embedded systems, VLSI design, mixed-signal circuits, MEMS and NEMS devices, nanoelectronic systems, semiconductor devices, nano-materials and fabrication techniques, nano-sensors and actuators, flexible and wearable electronics, RF and microwave circuits, optoelectronics, quantum electronics, photonic devices, and nanoscale modeling and simulation. Contributions exploring applications in healthcare, energy, communication, and computing are also encouraged.
Track Chair: Prof. Fadi Shahrouri

Communications, Signal Processing, and Computer Networks: 5G and beyond, massive MIMO, cognitive radios, machine learning for communications, power line and green communications, optical and satellite systems, signal processing, NOMA, wireless IoT, WSN, and ad-hoc networks. It also covers software-defined networks, content delivery, multimedia systems, QoS, network protocols, deterministic and time-sensitive networking, and container networking. Additional areas include cyber-physical systems, Industry 4.0, IoT applications, cloud computing, mobile computing, distributed systems, high-performance computing, software engineering, databases, algorithms, digital transformation, health informatics, and computer graphics.
Track Chair: Dr. Luae' Al-Tarawneh

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, and smart biomedical sensors. The track aims to showcase cutting-edge research that bridges engineering and healthcare, supporting the development of technologies that improve diagnosis, treatment, patient care, and overall health outcomes.
Track Chair: Dr. Hisham ElMoaqet

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, and design and optimization. The track aims to showcase innovative approaches that enhance system performance, autonomy, adaptability, and intelligence across a range of applications in modern engineering and industrial systems.
Track Chair: Dr. Mutaz Ryalat

Data Science and Artificial Intelligence: big data, data analytics, predictive analytics, data mining, natural language processing (NLP), data science management, data wrangling, machine learning, search algorithms and swarm intelligence, bioinformatics, and AI responses to the pandemics. The track aims to highlight innovative methods, tools, and frameworks that leverage data-driven insights and intelligent systems to solve complex problems across various domains.
Track Chair: Dr. Mohammad Abdel-Majeed

Cybersecurity: 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 applications in cybersecurity, IoT security, cryptography, information security, cyber threats, and blockchain security. The track aims to explore innovative strategies, technologies, and frameworks for securing digital infrastructure, protecting sensitive data, and enhancing resilience against emerging cyber threats.
Track Chair: Prof. Iman AlMomani

Important Dates

Paper Submission Deadline	June 15, 2025
Review Decision Notification	July 13, 2025
Final Submission	August 17, 2025
Author Registration	August 17, 2025
Attendee Registration	October 04, 2025

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