

EEITE' 2025

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6th

International Conference
in Electronic Engineering
& Information Technology



IEEE

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4 - 6 June 2025
Chania, Crete
Dept. of Electronic
Engineering
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More Info



Dear Authors and Participants,



We are delighted to announce that the technical program for EEITE' 2025 is available on our [website](#) and in this document! Our program is filled with 10 Special sessions, 3 oral sessions, 2 poster sessions, and workshops or tutorials. At the end of this document please find important instructions and guidelines.

IEEE EEITE 2025 CONFERENCE TIMETABLE - Schedule at glance

| WEDNESDAY 4th JUNE | | | | EXHIBITION | THURSDAY 5th JUNE | | | EXHIBITION | FRIDAY 6th JUNE | | | EXHIBITION | |
|--------------------|---|---|--|---|---|---|--------------------------------|------------|---|--|---|------------|---|
| 10:00 | Conference Welcome / Registration | | | | SPECIAL SESSION 7 (Amphitheatre - Room 1) | SPECIAL SESSION 5 (Room 6) | SPECIAL SESSION 1 (Room 7) | | SPECIAL SESSION 6 (Amphitheatre - Room 1) | PLENARY SESSION III (Keynote 3) - Prof. C. Pinto (Room 6) | ORAL SESSION III (New Technologies in Electronics, Networks & Software Applications) (Room 7) | | |
| 10:20 | OPENING CEREMONY | | | | COFFEE BREAK | | | | COFFEE BREAK | | | | |
| 10:40 | | | | | COFFEE BREAK | | | | COFFEE BREAK | | | | |
| 11:00 | PLENARY SESSION I (Keynote 1) - Prof. H. Varlamis (Amphitheatre - Room 1) | | | | SPECIAL SESSION 7 (Amphitheatre - Room 1) | SPECIAL SESSION 5 (Room 6) | SPECIAL SESSION 1 (Room 7) | | SPECIAL SESSION 6 (Amphitheatre - Room 1) | SPECIAL SESSION 4 (Room 6) | ORAL SESSION III (New Technologies in Electronics, Networks & Software Applications) (Room 7) | | |
| 11:20 | | | | | | | WORKSHOP | | | | | | |
| 11:40 | | | | | LUNCH BREAK | POSTER SESSION II | | | LUNCH BREAK | | | | |
| 12:00 | SPECIAL SESSION 2 (Room 6) | SPECIAL SESSION 3 (Amphitheatre - Room 1) | SPECIAL SESSION 8 (Room 7) | | | | | | | | | | |
| 12:20 | | | | | | | | | | | | | |
| 12:30 | | | | | | | | | | | | | |
| 13:00 | LUNCH BREAK | | | | POSTER SESSION I | | | | | | | | |
| 14:30 | SPECIAL SESSION 2 (Room 6) | SPECIAL SESSION 3 (Amphitheatre - Room 1) | SPECIAL SESSION 8 (Room 7) | | | PLENARY SESSION II (Keynote 2) - Dr. I. Chelis (Amphitheatre - Room 1) | SPECIAL SESSION 10 (Room 6) | | SPECIAL SESSION 9 (Room 7) | SPECIAL SESSION 6 (Amphitheatre - Room 1) | SPECIAL SESSION 4 (Room 6) | | ORAL SESSION III (New Technologies in Electronics, Networks & Software Applications) (Room 7) |
| 15:00 | | | | ORAL SESSION II (Plasma Technology, Photonics & Optical Communications) (Amphitheatre - Room 1) | WORKSHOP | | | | | | | | |
| 16:00 | COFFEE BREAK | | | COFFEE BREAK | | | COFFEE BREAK | | | | | | |
| 16:30 | SPECIAL SESSION 2 (Room 6) | SPECIAL SESSION 3 (Amphitheatre - Room 1) | ORAL SESSION I (Heuristics, AI/ ML and Applications) (Room 7) | COFFEE BREAK | | | | | | | | | |
| 17:00 | SPONSORS INVITED | | | | | | | | | | | | |
| 17:20 | SPONSORS INVITED | | | | | | | | | | | | |
| 17:40 | TALK | | | | | | | | | | | | |
| WELCOME RECEPTION | | | | | | | | | | | | | |
| 21:00 | | | | GALA DINNER | | | | | | | | | |

Poster Sessions

| PS-01 | | WEDNESDAY 4th JUNE (Main Lobby 13.00 - 14.30) |
|--------------|--|--|
| P.01 | "WELD-E: Enhanced-XR Human-Robot Interactive Collaboration for Welding Operations" - Dr. Andreas El Saer | |
| P.02 | "Evaluating NeRF and SDF Methods on RGB-D Inputs" - Dr.Andreas El Saer | |
| P.03 | "Portable NIR and HSI Technologies for Honey Authentication: A Non-Destructive Approach to Detect Food Fraud" - Dr. Armando Menéndez Estrada | |
| P.04 | "Overcoming Data Scarcity at the Edge: A Federated Learning Approach with GAN-Based Data Augmentation" - Dr. Eirini Bageorgou | |
| P.05 | "Approaches for Anonymization Methods in IoT Preservation Privacy" - Dr. Manos Vasilakis | |
| P.06 | "MOTION++: A Unified System for Complete Exterior 3D Inspection of a Vehicle" - Dr. Andreas El Saer | |
| P.07 | "Audio surveillance for self-aware environments" - Dr. Ioannis Saradopoulos | |
| P.08 | "Synthesis of a novel morphing lattice structure, for a dual propulsion actuation system of an AUV" - Dr. George Volanis | |

| PS-02 | | THURSDAY 5th JUNE (Main Lobby 13.00 - 14.30) |
|--------------|---|---|
| P.09 | "Reproducibility analysis during ESD testing of a SpaceWire link simulator" -Mr. Panagiotis Papastamatis | |
| P.10 | "Spatial, Temporal and Spatio-Temporal Clustering in Multi-Fault Seismic Zones: A review" - Mr. Antonios Zervoudakis | |
| P.11 | "AI-Driven Approaches for Brain Tumor Segmentation" - Mrs. Roxana - Andreea Badea | |
| P.12 | "Optimizing Brain Tumor Segmentation in MRI using Gradient Boosting Models" - Dr. Anca Ștefania Orian | |
| P.13 | "Evaluation IoT Platform for Textile-Based Elements" - Dr. Jan Handrejch | |
| P.14 | "Overview of Technologies for Wearable Textile Antennas Realization Based on Hybrid Threads" -Mrs. Michaela Radouchova | |
| P.15 | "Knitted Bow-Tie Frequency Resonators with Hybrid Conductive Threads for Wearable Strain Monitoring" - Mrs. Michaela Radouchova | |
| P.16 | "The Future of Law Enforcement: How PRESERVE's AI and Big Data Solutions Benefit Public Safety" - Dr. George Kokkinis | |

ORAL Sessions

| WEDNESDAY 4th June | | | EXHIBITION (Rohde Schwarz - DRYs - YOTTA VOLT - VECTOR Tech.) |
|--|--|---|---|
| Conference Welcome / Registration Main Lobby | | | |
| OPENING CEREMONY (Amphitheatre - Main Lecture Room) | | | |
| PLENARY SESSION I - Prof. H. Varlamis: <i>Foundation models in robotics</i> | | | |
| ROOM 6 | Amphitheatre - Main Lecture Room | ROOM 7 | |
| <i>SS-02: Recent advancements in robotic perception, learning, interaction, communication and control technologies</i> <i>Session Chair: Prof. Iraklis Varlamis</i> | <i>SS-03: Digital technologies in the agrifood value chain: From precision agriculture to advanced processing and sustainable distribution</i> <i>Session Chair: Prof. Dimitrios Argyropoulos</i> | <i>SS-08: Biosignals and computer vision analysis methods for biomedical applications</i> <i>Session Chair: Prof. Giorgos Giannakakis</i> | |
| "Recent Trends of Resilient UAV On-Board Vision Processing" - Dr. Evangelos Maltezos | "A Smart Framework Towards Digital Farming and Field Robots for Sustainable Agriculture" - Prof. Dimitrios Argyropoulos | "Reflections on Diversity: A Real-time Virtual Mirror for Inclusive 3D Face Transformations" - Dr. Paraskevi Valergaki | |
| "TORNADO: Foundation Models for Robots that Handle Small, Soft and Deformable Objects" - Dr. Maria Moutousi | "Unveiling the Digital Food Product Passport Paradigm for Ensuring Traceability and Safety in the Global Food Ecosystem" - Dr. Spyros Evangelatos | "AI-based detection and correction of motion artifacts in Optical Coherence Tomography scans of the retina" - Dr. Julia Hofmann | |
| "TRIFFID: Autonomous Robotic Aid For Increasing First Responders Efficiency" - Prof. Iraklis Varlamis | "CIEDE2000-based Wine Color Analysis Using Smartphones in Unconstrained Environments" - Dr. Christina Mastralexi | "Real-Time Leak Localization in N95 Respirators Using Infrared Imaging and Deep Learning with Optimal ROI Signal Correlation" - Dr. Yacine Yaddaden | |
| LUNCH BREAK | | PS - 01 (Main Lobby) P.01 - P.08 | |
| "Robotics in Healthcare: A review of ethical considerations and societal implications" - Mrs. Anastasia Ntagianta | "Traceability Data in the form of Digital Food Product Passports for Fish Supply Chains" - Dr. Nikoleta Tsampanaki | "Perfusion Analysis for Telemedical Long-Term Monitoring of Patients with Chronic Skin Diseases" - Dr. Julia Hofmann | |
| "Active Tilt Angle Multirotor Configurations: Modeling and Simulations" - Dr. Alen Scuric | "A Machine Learning pipeline for the automated DNA-based classification of Italian olive cultivars: from leaves to olive oil" - Dr. Stelios Arhondakis | "Non-invasive stress detection using body posture and motion analysis with deep neural networks" - Dr. Konstantinos Papoutsakis | |
| "Mechanism Design for Battery Swapping in a Heterogeneous Robotic System" - Dr. Denis Kotarski | "Sowing Semantics, Reaping Interoperability: AIM Ontology Extensions for the Food Chain Traceability" - Dr. Antonios Kioukis | "Multi-Modal Sensor Fusion and Machine Learning Algorithms on Wearable Devices for Monitoring and Early Detection of Seizure" - Dr. Cedric Mwangi | |
| "Flexible Temporal Plan Execution with Dynamic Controllability" - Dr. Andrea Orlandini | "Overview of ISOBUS implementation for specialty crop machinery" - Dr. Dimitrios Paraforos | "Machine learning approach and physiological parameters evaluation: a case study on data acquired by Cinematic Virtual Reality scenarios" - Dr.Vito De Giglio | |
| "Machine Learning Techniques Application for Fault Detection and Classification in Control Systems" Prof.Nasar Aldian Shashoa | "Toward an Early Warning System: Feature Selection Mechanism for Food Fraud from Fishing Activities" - Dr. Georgios Klados | "Domain-Specific Knowledge Distillation for Melanoma Depth in Dermatological Imaging" - Dr.Miguel Nogales | |
| COFFEE BREAK | | | |
| <i>SS-02: Recent advancements in robotic perception, learning, interaction, communication and control technologies</i> <i>Session Chair: Prof. Iraklis Varlamis</i> | <i>SS-03: Digital technologies in the agrifood value chain: From precision agriculture to advanced processing and sustainable distribution</i> <i>Session Chair: Prof. Dimitrios Argyropoulos</i> | <i>OS-I: Heuristics, AI/ ML and Applications</i> <i>Session Chair: Dr. Nicolas Kapsalis</i> | |
| "A Multi-Layer Resilient Communication Framework for Emergency Response" - Mr. Andreas Georgitzis | "Recent Developments of Machine Learning Combined 3D Reconstruction in Agricultural and Food Sectors" - Dr Yuqiao Ren | "Scalable Secure Platform for XR" - Dr.Rebecca Acheampong | |
| "An RPA-powered Simulated Phishing Campaign Solution for Assessing Human Susceptibility" - Dr. Dimitra Papatsaroucha | "Integrating Agricultural Semantic Models with Data Spaces for Enhanced Interoperability" - Mr. Ioannis Chrysakis | "Machine Learning-Based LOS/NLOS Identification for UAV-to-Ground Urban Channels: Preliminary Analysis" - Mr.Konstantinos Psychogios | |
| SPONSOR INVITED TALK "Latest developments in the EMC Test and Measurements" - Balazs Nagy, Rohde-Schwarz | "Blockchain-based Traceability for Food Supply Chains: The ALLIANCE approach" - Dr. Kostas Choumas | "From Legal to Illicit Substances: Unveiling Personality Influences with Machine Learning" - Dr. Konstantinos Karampidis | |
| SPONSOR INVITED TALK "Validation and Verification of a Buck Converter" - Radu Voina, Rohde-Schwarz | "Smart Droplets: Accelerating the achievement of EU Green Deal Goals for pesticide and fertilizer reduction through AI, data and robotic technologies" - Dr. Erato Lazarou | "Development of Large Language Model Chatbot for the support of healthcare professionals in Childhood Obesity cases" - Dr. Emmanouil Chatzakis | |
| | "DADDNet: A Desert-Aware Deep Learning Approach for Potato Leaf Disease Detection" - Abdelkader Laouid | "Classification of Greek News Articles by Genre Using Open Large Language Models" - Prof. H. Varlamis | |
| | | "Optimum PV Array Reconfiguration for Maximum Power Harvest in Partially Shaded Conditions" - Dr.Mahdi Koukanmehr | |
| WELCOME RECEPTION | | | |

| | THURSDAY 5th June | | | EXHIBITION (Rohde Schwarz - DRYs - YOTTAVOLT - VECTOR Tech.) |
|-------|---|---|--|--|
| | Amphitheatre - Main Lecture Room | ROOM 6 | ROOM 7 | |
| | <i>SS-07: Decision Support Systems in Emerging Technologies: Methods and Applications</i> <i>Session Chair: Prof. Georgia Dede</i> | <i>SS-05: CYPHER: Cybersecurity for Yielding Protection in Hyperconnected Ecosystems and Resilience</i> <i>Session Chair: Prof. Evangelos Markakis</i> | <i>SS-01: Low-Power Microwave Sensing for High-Sensitivity Biomedical and Nondestructive Applications</i> <i>Session Chair: Dr. Kamel Haddadi</i> | |
| 10:00 | "StreamHandler as a Real-Time Decision Support System for Environmental Monitoring in Digital Twins of the Ocean" - Mrs. Konstantina Papachristopoulou | "Leveraging Advanced Analytics and Artificial Intelligence to Combat Cybersecurity Threats" - Dr. OURANIA KITSOU | "Open-Ended Coaxial Probing for Monitoring Sugar Content in Potato Tubers" - Dr. Kamel Haddadi | |
| 10:20 | "ML-Based Decision Support System for Energy Efficiency Retrofits" - Dr. Daniela Stoian | "Kubernetes in Edge and Cloud Computing: A Comparative Study of K3s, K0s, MicroK8s, and K8s" - Dr. Athanasios Liatfis | "Analysis of the Multi-Resonance Q-SSR Resonator Method for Polylactic Acid Characterization" - Dr. Lukasz Nowicki | |
| 10:40 | "Model Class Selection in Policy Learning: Performance, Robustness, and Interpretability" - Dr. Hannah Busshoff | "Adaptive Post-Quantum Cryptography for Blockchain: Enhancing Security and Energy Efficiency with Cryptographic Agility" - Dr. Ioannis Koufos | "A spiking coincidence detector for the ITD and ILD mechanisms of auditory localization " - Dr. Christophe LOYEZ | |
| 11:00 | COFFEE BREAK | | | |
| 11:20 | "Assessment of Cybersecurity Measures towards the Achievement of the UN SDG8: an AHP and MoSCoW Approach" - Prof. Georgia Dede | "eIDPS: A real-time eBPF-based and Machine Learning-powered Network Intrusion Detection and Prevention Solution" - Mrs. Dimitra Papatsaroucha | "Effective Material Approach for Simulating Knitted Bowtie Antennas" - Mrs Verena Marterer | |
| 11:40 | "Assessing Investment Risks in Energy Efficiency Projects Using AHP for Group Decision Making" - Mrs. Ioanna Andreoulaki | "A Knowledge Repository maintaining interoperability between multiple Cyber Ranges" - Dr. Emmanouil Eleftherios Rompogiannakis | WORKSHOP: WATSON-HORIZON-CL6-2022-FARM2FORK-01 Ensuring the authenticity and traceability of extra virgin olive oil (EVOO) by combining rapid and low-cost molecular tools and blockchain based technologies | |
| 12:00 | "Embedding domain expertise in machine learning-based fault detection development: A collaborative framework" - Dr. Heiko Weber | "A Decentralized Self-Sovereign-Identity Management and On-Boarding Framework for Industrial IoT Environment" - Dr. Tafseer Akhtar | | |
| 12:20 | "Architecting the Future: Steps to Implement the EU's Vision for a Broadband Mission Critical Network Across Europe" - Dr. Nicolas Kapsalis | "DYNAMO: Enhancing Business Resilience through Integrated Business Continuity Management and Cyber Threat Intelligence" - Dr. Nicolas Kapsalis | | |
| 12:40 | "Enhancing the transformer-based forecasting models by training datasets permutation" - Dr. Bogdan Ruszczak | | | |
| 13:00 | LUNCH BREAK | | PS - 02 (Main Lobby) P.09 - P.016 | |
| | <i>OS-II: Plasma Technology, Photonics & Optical Communications</i> <i>Session Chair: Prof. I. Fitilis</i> | <i>SS-10: AI-Powered Crime Detection and Prevention: Bridging Technology and Law Enforcement.</i> <i>Session Chair: Mrs. Eleni Veroni</i> | <i>SS-09: Digitising Cultural Heritage (CH) in 3D – Current Trends and Challenges</i> <i>Session Chair: Prof. Massimiliano Pepe</i> | |
| 14:20 | PLENARY SESSION 2 - Dr. I. Chelis: <i>Modeling and simulation of the beam-wave interaction in high-power gyrotrons</i> | "Addressing Disinformation and Deep Fakes Spread through AI-fuelled International Collaboration" - Mrs. Eleni Veroni | "LIP3D Project: Living forever the Past through a 3Digital World" - Prof. Massimiliano Pepe | |
| 14:40 | "Polarimetry technique in a miniature plasma focus machine" - Mr. Christos Karvounis | "Building Trust: A Conceptual Architecture to Detect Disinformation and Reduce its Influence in Contemporary Society" - Dr. Valentin-Alexandru Vladuta | "From Documentary Analysis of Historical Texts to 3D Modeling: A Multidisciplinary Approach to Reconstructing Archaeological Sites" - Dr. Donato Palumbo | |
| 15:00 | "Radiography of plasmas using gamma rays generated via acoustically excited crystalline undulators" - Mr. Emmanouil Kaniolakis Kaloudis | "Transparent Fight Against Corruption Leveraging Advanced and Explainable Data Analytics" - Dr. George Theodorou | "A COMPARATIVE ASSESSMENT OF LIDAR SLAM ACCURACY USING TLS DATA" - Dr. Emmanouil Taoulai | |
| 15:20 | "Experimental Observation of Ion Acceleration by intense Laser Interaction with Optically Shaped Gaseous Targets in the Near-Critical Density Regime" - Mr. Ioannis Tazes | "Explanation-Driven Adversarial Attacks against Multimedia Edge Applications" - Dr. Theodora Anastasiou | "Photogrammetry-Based Zero-Shot Segmentation bridging 3D, Orthophotos and Raw Images" - Dr. Stuardo Lucho | |
| 15:40 | "LWFA accelerated electrons generated by the 45 TW Zeus laser system based on down-ramp and ionization injection mechanisms using a non-symmetrical 3d printed nozzle." - Mrs. Georgia Andrianaki | "Architecture for ROVs detection and positioning based on hydrophone arrays" - Dr. Álvaro Gutiérrez Martín | WORKSHOP SERIES : Exploring Microwave Characterisation for 5G/6G Technologies ad Bio-Materials Session 1: Core Principles of Microwave Material Characterisation | |
| 16:00 | COFFEE BREAK | | | |
| | | | WORKSHOP SERIES : Exploring Microwave Characterisation for 5G/6G Technologies ad Bio-Materials Session 1: Core Principles of Microwave Material Characterisation | |
| 17:00 | | | WORKSHOP SERIES: Exploring Microwave Characterisation for 5G/6G Technologies ad Bio-Materials Session 2: Hands-On Exercises with Resonance-Based Techniques | |
| 18.00 | | | | |

| | | FRIDAY 6th June | | |
|-------|--|---|--|--|
| | | ROOM 6 | ROOM 7 | |
| | Amphitheatre - Main Lecture Room | | | |
| | <i>SS-06: Innovative Technologies and Applied Systems: Preparing the Future of Smart Mobility</i> <i>Session Chair: Dr. Anna Antonakopoulou</i> | <i>S S-04 : Pedagogies and Technologies for Higher Education in the AI Era</i> <i>Session Chair: Prof. Konstantinos Petridis</i> <i>Session Co-Chair: Prof. Carla Pinto</i> | <i>OS-III: New Technologies in Electronics, Networks & Software Applications</i> <i>Session Chair: Prof. George Liodakis</i> | |
| 10:00 | "CCAM EU legislation study: The Greek pathway" - Dr. Eleni Patatouka | PLENARY SESSION 3 - Prof C. Pinto: MATH Prison Break – unlock AI opportunities | "Experiments Confirming the Capabilities of Novel Microwave Fizeau-Fresnel Flowmeters " - Dr. Kirill Zeyde | |
| 10:20 | "Understanding Stakeholder Perspectives: A Qualitative Analysis of the SINFONICA Workshops on the Future of Connected, Cooperative, and Automated Mobility (CCAM) " - Dr. Giulia Renzi | "The use of AI for Scientific Writing: the student & researchers' perspective " - Prof. Konstantinos Petridis | "Taylor Series Based Method for Generating Digital Sine and Cosine Signals on an FPGA" - Dr. Kalle Palomäki | |
| 10:40 | "Towards a common understanding of Operational Domain and Operational Design Domain in the Approval Process of Automated Vehicles" - Dr. Katharina Hartmann | "Virtual Exchanges and Blended Intensive Programs: Pathways for Individual and Institutional Development " - Mr. Emmanuel Lourakis | "Hardware-level Interfaces for Hybrid Quantum-Classical Computing Systems" - Dr. Konstantinos Rallis | |
| 11:00 | COFFEE BREAK | | | |
| | <i>SS-06: Innovative Technologies and Applied Systems: Preparing the Future of Smart Mobility</i> <i>Session Chair: Dr. Anna Antonakopoulou</i> | <i>S S-04 : Pedagogies and Technologies for Higher Education in the AI Era</i> <i>Session Chair: Prof. Konstantinos Petridis</i> | <i>OS-III: New Technologies in Electronics, Networks & Software Applications</i> <i>Session Chair: Prof. George Liodakis</i> | |
| 11:20 | "Optimizing Electric Vehicle Charging Infrastructure in Rhodes Island: Current Status and Voronoi-Based Expansion Analysis " - Dr. Athanasios Tamvakos | "Digital Escape Room #1 - Integrating Green Energy into Sustainable University Environments " - Prof. Carla Pinto | "Propagation measurements of DVB-T2 in the area of Serres " - Prof. Anastasios Papatsoris | |
| 11:40 | "A Secure Approach on Data Trading: How the PISTIS Monetary Ledger Supports Digital Transactions" - Dr. Thomas Doukas | "A Comparative Evaluation of Multi-Role and Dual-Subject Models in Project-Based Learning " - Dr. Kirill Zeyde | "Additive Manufacturing meets Reconfigurable Intelligent Surfaces: Opportunities and Challenges " - Prof. George Liodakis | |
| 12:00 | "Network and Traffic Management Dashboard: Revolutionizing Traffic Management through common situation awareness and collaborative decision support systems" - Dr. Serafeim Zormpas | "Educational Robotics and Agile Learning: A Review " - Prof. Antonios Konstantaras | "MAGNET: An optimized DevOps framework for efficient software integration and orchestration in the IoT-Edge-Cloud Continuum " - Dr. Evangelos Agorogiannis | |
| 12:20 | "UX-Driven Interfaces for Electric Motorcycles: A Comparative Design Approach" - Dr. Tânia Rocha | "Advanced Electrical Skills in Smart Technologies: Addressing Workforce Gaps and Emerging Trends" - Prof. Emmanuel Karapidakis | "Monitoring the electromagnetic environment for general public in tourist destinations: The case study of Patanias, Chania,Crete, Greece" - Mrs. Anna Lampou | |
| 12:40 | "An Efficient Driver Drowsiness Detection Approach Using Various Combinations of Physiological Signals" - Dr. Yacine Yaddaden | "Remedying Low Student Performance in Introductory Programming: A Case Study on Role Assignment in Academic Teams " - Prof. Nikolaos Spanoudakis | "Connecting Account to Account Fund Tranfer Services with Fiscal Receipts: The Case of Greece - IRIS" - Mr. Panagiotis Mavridis | |
| 13:00 | LUNCH BREAK | | | |
| | <i>SS-06: Innovative Technologies and Applied Systems: Preparing the Future of Smart Mobility</i> <i>Session Chair: Dr. Anna Antonakopoulou</i> | <i>S S-04 : Pedagogies and Technologies for Higher Education in the AI Era</i> <i>Session Chair: Prof. Konstantinos Petridis</i> | <i>OS-III: New Technologies in Electronics, Networks & Software Applications</i> <i>Session Chair: Prof. George Liodakis</i> | |
| 14:20 | "Addressing Reward Hacking in Autonomous Navigation using a Soft Actor Critic approach" - Dr. Georgios Matsioris | "Applying Agile Principles in the Research and Education Activities of a University Telecommunications Laboratory" - Prof. George Liodakis | "A Comparative Study of Bio-Inspired Algorithms for K-Band Antenna Array Optimization " - Mr. Dimitrios Rigas- Papakonstantinou | |
| 14:40 | "Cloud-Based Battery Management System for Energy Storage Applications: Enabling Second-Life Batteries for Smart Mobility and Smart Homes" - Dr. George Konstantinidis | "Teaching Energy Market Analysis through Real-Time Data Handling Tools" - Prof. Emmanuel Karapidakis | "Printing environmental health: Raising awareness and promoting environmental health education through 3D printing" - Dr. Sotirios Maipas | |
| 15:00 | | "An Effective Root-Finding Toolbox Using Computational Argumentation " - Dr. Vasileios Mandikas | "Metaheuristic Algorithms Performance Comparison for U-Slot Patch Antenna Optimization for X-band application " - Mr. Konstantinos Spyridakis | |
| 15:20 | COFFEE BREAK | | | |
| | | <i>SS-04 : Pedagogies and Technologies for Higher Education in the AI Era</i> <i>Session Chair: Prof. Konstantinos Petridis</i> | <i>OS-III: New Technologies in Electronics, Networks & Software Applications</i> <i>Session Chair: Prof. George Liodakis</i> | |
| | | "Comparison of teaching high-school electronics in Greece and UK" - Mr. Lambros Frantzeskakis | "Leveraging Digital Twin-as-a-Service Towards Continuous and Automated Cybersecurity Certification" - Dr. Ioannis Koufos | |
| | | | "Transmitter position estimation using range-free sensors and triangulation algorithms" - Dr. Maria Zakythinaki | |
| | | | "Automated maritime movement analysis for special-interest targets" - Prof. Ioannis Barbounakis | |
| | | | "Underwater communication system technologies" - Prof. Nikolaos Petrakis | |

EXHIBITION (Rohde Schwarz - DRYS - YOTTAVOLT - VECTOR Tech.)

Instructions for Authors

Please take a look and **indicate the corresponding presenter** in case it is not the appropriate one in the program, and please **provide a short bio for each presenter in the submission portal under the section of your paper and on the tab for the extra notes!!!**

It is our great pleasure to welcome you as a presenter at EEITE 2025 in Chania- Crete. To ensure a smooth course during your session, either oral or poster, we kindly ask you to consider the following instructions:

Important Information for Oral Presentations

In preparing your presentation, remember that it may be viewed from the back of a room seating around 50 people. Font sizes between 18 pt and 24 pt are strongly preferred. If you can't read a version of a slide printed on a standard sheet of paper from a distance of two meters, people are probably going to have trouble reading your projected slide. Please present the same materials as reported in your paper submission.

The overall time slot for each presentation is **20 minutes**. Plan your **speech** for a duration **of 15 minutes** to allow time for questions and discussion.

Session chairs have been instructed to rigorously enforce the schedule, i.e., to strictly obey the length of a presentation and the announced starting times. We kindly ask you for your understanding and for your cooperation in keeping the schedule.

Be at the room of your session 10 minutes before session starts, so that you can meet your session chairs and the other speakers in advance.

A video projector and a PC with Windows operating system will be available in all session rooms. The screen format is 16 x 9.

Please bring your presentations on a USB memory stick in MS PowerPoint or Adobe PDF format to EEITE 2025 and deliver it in the session room at the conference venue NO LATER than 10 minutes prior to your session! You can of course bring it earlier, in one of the coffee/ lunch breaks.

When saving a PowerPoint presentation, please be sure to embed all fonts (Click on "File", then "Save As", Click on "Options", In the options dialog box, Click on "Save" and Check the "Embed fonts in the file").

When creating a PDF version of a presentation, please be sure to embed all fonts.

We recommend you bring at least 2 copies of your presentation to the conference in case there is a problem with one of them.

Important Information for Poster Presentations

When preparing the poster, presenters should have in mind the objective of capturing the interest of attendees to the work that is being presented. The quality of the presentation stimulates the attention

from the audience and improves the overall satisfaction of the community attending the conference. Use an appropriate font size allowing posters to be readable by delegates 1.5 m away. Please present the same materials as reported in your paper submission.

The poster message should be clear and understandable without oral explanation. Please, place the title of your paper and author's names prominently at the top of the poster to allow viewers to easily identify your paper.

Further, we would like to call the attention of poster presenters to the following items:

Each poster board is marked with the poster ID-number.

Your poster number has been sent to you in the presentation schedule and can also be found in the detailed program.

Poster boards will be marked with poster ID-numbers.

Authors are required to use only the boards corresponding to their posters.

Poster presenters must hang up their poster on the day of their presentation from 11:00 to 12:30.

The authors will need to stay personally just during their poster session from 13.00 to 14.30 and to remove their posters from the boards from 16:20 to 17:00. Posters left on the boards after the poster sessions will not be returned by the organizers.

Posters should be fixed to the poster board using removable stripes which will be provided on site.

The display area has the following obligatory maximum dimensions: 180 cm high and 90 cm wide (portrait only).

We recommend producing a poster in A0 size (approx. 118.9 cm high x 84.1 cm wide).

IMPORTANT:

Please note that **a registration of at least one author for each paper, accompanied by full payment of the registration fee, is requested by May 25th, 2025.** If the registration and payment are not received by that date, your contribution will be removed from both the Program and the IEEE Proceedings.

Please also complete the **IEEE copyright form**, which is located on the left panel when you click on the details of your paper.

Please note that IEEE reserves the right to exclude a paper from distribution after the conference (e.g., removal from IEEE Xplore) if the paper is not presented either orally or as a poster at the conference from June 04-06, 2025, in Chania, Crete (Greece).

We will be holding our **farewell dinner on Thursday, June 5th, 2025.** We would greatly appreciate it if you could take a few moments to complete the following questionnaire:

<https://forms.gle/LbMbyTjgkDo4AFQJ6>

Looking forward to meeting you all in EEITE 2025 at Chania.

Sincerely,

Christos Nikolopoulos

Chair of the EEITE 2025 Conference Organizing Committee