

CONFERENCE EEITE-2023 TIMETABLE

MONDAY 15 TH MAY		TUESDAY 16 TH MAY		WEDNESDAY 17 TH MAY		THURSDAY 18 TH MAY	
16:20	CONFERENCE WELCOME	16:20	K3A.42 - Nikos Loukeris Portfolio Selection on Hybrid Modular, And Radial Basis Functions Networks AI and Applications	16:00	POSTER SESSION1 (in-person)	16:00	POSTER SESSION2 (virtually)
16:40	K1A.1 Agnieszka Zielińska Motivation of Information Technology workers - results of empirical study The University of the Future	17:00	O3A.48 Nikolaos Afentakis Detection of Brain Tumors in T2 MRIs based on ANN by applying DWT data Analysis AI and Applications	17:00	O5A.6 Georgios Chatzipetrakis Modular multilevel converter (MMC) as high audio amplifier Power Electronics	17:00	O7A.47 Demetris Galanakis A Scan to HBIM framework for developing 3D Models for structural analysis Remote Sensing and Applications
17:20	O1A.2 - María Dolores Reyes Tolosa learning engineering through applied research STEM Education	17:20	O3B.21 Tomaz Aljaz Assessing the Impact of Student Syndrome on Meeting Single-Project Deadlines: A Quantitative Analysis IoT and Applications	17:20	O5B.17 George Xenofontos Automated Plant Irrigation System using Arduino Microcontroller New Technologies in Electronics	17:20	O7B.8 Nikolaos Bolanakis 3D printing using plastic powder melt extrusion 3D Printing and Applications
17:40	O1B.31 - Christos Tokatlidis Research Methodology of Electronic Circuits Laboratory Learning STEM Education	17:40	O3C.26 Alex Bensenousi Model Fusion of Biomedical Data from Psoriatic Arthritis (PsA) patients AI and Applications	17:40	O5C.28 Wojciech Korneta Chaotic hysteresis in electronic circuit New Technologies in Electronics	17:40	O7C.11 Georgios Volanis Design principles, propulsion and maneuverability of a flexible autonomous underwater vehicle Robotics and Applications
18:00	COFFEE BREAK HALF-HOUR	18:00	COFFEE BREAK HALF-HOUR	18:00	COFFEE BREAK HALF-HOUR	18:00	COFFEE BREAK HALF-HOUR
18:30	O2A.24 Nick-Panagiotis Boumpouras modeling of radiowave propagation through rain Microwave, Millimeter wave and Terahertz Communications	18:30	O4A.39 Radek Soukup Detection textiles based on textile ribbons with evaluation system and data transmission via IoT network IoT and Applications	18:30	O6A.3 Enrique Hernández Balaguera Explaining the memory effects in the long-term synaptic potentiation through brain-inspired neuromorphic electronics Functional Materials & Application	18:30	O8A.22 Spyridon Evangelatos Revolutionizing Crime and Terrorism Prevention: Cutting-Edge Biometric Technologies for Precise Criminal Identification and Partial Evidence Analysis Cybersecurity
18:50	O2B.41 Adrian Stavarakis Assessing the potential of conductive textile materials for electronics applications Functional Materials & Application	18:50	O4B.46 Sofia Athanasiou Machine Learning in Biomedical Applications AI and Applications	18:50	O6B.23 Alexandra Barmpatza Magnetization Study Of A Fcc Cobalt Based Nanomaterial Under The Existence Of The Earth Magnetic Field Functional Materials & Application	18:50	O8B.33 George Liodakis Performance evaluation of combo PONs Photonics and Optical Communications
19:10	O2C.18 Eleftherios Kapetanakis Unexpected observation of a dramatic increase in the electrical conductivity of P3HT films when they are deposited on coplanar electrodes and covered with an electrolyte polymer layer Functional Materials & Application	19:10	O4C.27 Mariza Konidi Innovative Strategies For Combatting Corruption: The Role Of Cutting Edge Technologies In Strengthening Anti-Corruption Measures AI and Applications	19:10	O6C.15 Ioannis Tazes Characterization of optically shaped gas target profiles for proton acceleration experiments in the near critical density plasma regime Plasma Technology	19:10	O8C.14 Evangelos Lykakis Data Traffic Prediction In Cellular Networks 5G and 6G Wireless Networks
19:30	O2D.36 Sofia Peleli Creating a multi-parametric satellite precursory system for monitoring seismically active areas using RST and InSAR Techniques. Remote Sensing & Applications	19:30	O4D.30 Eleni Veroni Towards a Sustainable Future Data Management: A Citizen-centric, Secure and Trustworthy Cross-sector Data Sharing Framework AI and Applications	19:30	O6D.9 Christos Karvounis Characterization of plasma focus machine as neutron source Plasma Technology	19:30	O8D.34 Desp.-Eleni Zacharioudaki Application of Laser Induced Fluorescence for characterization of water quality in two wetlands Environmental Applications
19:50	END OF THE DAY	19:50	END OF THE DAY	19:50	END OF THE DAY	19:50	CONFERENCE CLOSURE
Name colour: in-person presentation remotely presentation		19:50 END OF THE DAY					

EEITE-2023 POSTER SESSION1 (in-person)

PA1.43 ANNA LAMPOU

Heart rate prediction during exercise for various constant and exponentially increasing speeds using neural networks

Artificial Intelligence (AI) and Applications

PA2.10 Antonis Konstantaras

3D Modelling of Seismically Active Parts of Underground Faults via Deep Learning

Artificial Intelligence (AI) and Applications

PA3.50 Kanellia Ioanna Dalaka

Engaging ICT for Religious Education in Primary Schools

STEM & Education

PA4.38 Radek Soukup

Novel Embroidered Textile Thermocouples for Use in Personal Protective Equipment

Internet of Things (IoT) and Applications

PA5.14 CHRISTOS ILIADIS

Design and Implement a fully functional model of a Wind Turbine for research purpose

Power Electronics

PA6.12 Maria Kouli

Landslide Susceptibility Modeling using GIS-based Machine learning techniques: A case study from Chania Prefecture, Crete

Remote Sensing and Applications

PA7.19 Ioannis Marinakis

Poly (3-hexylthiophene)-based transistors using ionic liquid droplets as the gate dielectric.

Functional Materials and Applications

PA8.25 Melina Kotti

VARIATIONS OF PHYSICOCHEMICAL PARAMETERS AND PHOTOSYNTHETIC PIGMENTS IN A SMALL-SIZED WETLAND IN PREFECTURE OF CHANIA, GREECE

Environmental Applications

PA9.16 John Chatzakis

Comparison of Trigger Unit topologies for Pseudospark Switches used at the Institute of Plasma Physics and Lasers of the Hellenic Mediterranean University Research Centre

Power Electronics

PA10.49 Alexandros Skoulakis

Time-integrated measurements of the X-ray source size using a Pin-hole camera

Plasma Technology

PA11.45 Antonios Zervoudakis

Why we prefer deep learning tools comparing classic data analysis tools for seismic data for the Aegean region using softwares like Matlab on the one and IPython notebooks and Anaconda on the other

Artificial Intelligence (AI) and Applications

PA12.29 Nikos Bikakis

In-situ Visual Exploration and Analytics over Big Raw Data

Artificial Intelligence (AI) and Applications

EEITE-2023 **POSTER SESSION2 (virtually)**

PB1.40 Kyriakos Tsiakmakis
Measuring displacement of IPMC actuator
Remote Sensing and Applications

PB2.37 Argirios Hatzopoulos
Remote measurements and distance learning on electronic laboratories
The University of the Future

PB3.44 Oussama Zobiri
Numerical Study of Nanoscale Heat Transfer in MOSFET Device
Functional Materials and Applications

PB4.7 Oussama Zobiri
Mesoscopic Numerical Study of Heat Convective in Nanoscale MOS Transistor System
Functional Materials and Applications

PB5.35 Sandra Bailoa
THE IMPACT DIMENSIONS OF INFORMATION SYSTEMS ON WORK PROCESSES: summary of the main models
The University of the Future

PB6.20 George Adamidis
A LOW-COST BUTLER MATRIX FOR 2.4GHz APPLICATIONS
Textile, Wearable and Smart Antennas

PB7.32 Maria Papadopoulou
Arduino Controlled Sine Wave Sum Generator
New Technologies in Electronics

[In-person posters could be also delivered virtually](#)