

THURSDAY - SEPTEMBER 9, 2021			
09:00 - 10:30 CEST	<b>Tutorial Track 1</b> Massimiliano Coppo: "The role of the Aggregators of the Distributed Energy Resources and the interactions between the DSO and TSO" Chair: Giuditta Pisano	<b>Tutorial Track 2</b> Frank Golatowski, Hannes Raddatz: "OPC UA for Distributed Machineries and Smart Systems for Material Handling and Smart Manufacturing"	<b>Tutorial Track 3</b> Zied Mnasri: "Audio event detection for smart cities: Applications, methods and open challenges" Chair: Francesco Masulli
10:30 - 12:00 CEST	<b>R&amp;D Projects Dissemination Event</b> Chair: Egidio De Benedetto	<b>Session T2.5</b> Sustainable Industrial Processes	<b>Session T3.7</b> Semantic Web, Big Data & Analytics
10:30		A 4.0 Sustainable Aquaponic System Based on the Combined Use of Superabsorbing Natural Hydrogels and Innovative Sensing Technologies for the Optimization of	Unified Semantic Space for a Novel Multimodal Approach to Document Similarity
10:45		Prioritization of Smart Factory Transition Strategies for Manufacturing Plants With an Integrated Fuzzy Decision-Making Approach: The Case of Turkey	Exploring the Runtime Performance of Knowledge Graph Embedding Methods
11:00		Sectoral Prioritization of Industry 4.0 Under Lean Supply Chain With an Integrated Fuzzy Decision-Making Approach: The Case of Turkey	An Exploratory Study to Review Malaysian E-Commerce Merchants' Readiness in Business Analytics Models Adoption
11:15		A Technique for Improving the Noise-Equivalent-Displacement of SM-SLD Interferometers for Industrial Processes	A Visual Tool for Reducing Returns in e-Commerce Platforms
11:30		High Temperature Operating Lifetime Test on Piezo-MEMS Devices	Contact Tracing, Proximity Safety, Data Correlation and Visualization for Global Corporations
11:45			
12:00 - 13:30 CEST	<b>Sponsor Session</b> Chair: Rosario Schiano Lo Moriello		
13:30 - 15:00 CEST	BREAK		
15:00 - 15:30 CEST	<b>Keynote - Track 3</b> Rosario Capponi, Anders Caratozzolo: "The electronics industry facing the challenge of a circular economy contrasting climate change" Chair: Francesco Masulli		
15:30 - 17:00 CEST	<b>Session T1.5</b> Data Management	<b>Session T2.6</b> Smart Solutions for Communication, Navigation, and Surveillance	<b>Session T3.8</b> Biomedical Applications
15:30	Preliminary Sensitivity Analysis of Combinatorial Optimization (CO) for NILM Applications: Effect of the Meter Accuracy	RFID-Based Localization Enables a Smart System for Worker Safety	Flexible Product Innovation Cycles for Smart Medical Devices
15:45	Interpolation and Resampling Accuracy in the Processing of Input Data for Short-Term Dispatching of Large Power Systems	A Robust and Versatile Analog-To-Digital Converter for Space Exploration Spectroscopy on Satellites	An Automatic Active Contour Approach to Segment Retinal Blood Vessels
16:00	Analysis of the Uncertainty of EIS Battery Data Fitting to an Equivalent Circuit Model	Towards Automating Social Distance Violations Using AIoT	Sex Differences in the ECG Interpretation: A Functional Data Analysis Perspective
16:15	Analog-To-Digital Converter Dynamic Testing by Linearized Four-Parameter Sine-Fit Algorithm	Low Cost Equipment for Military Vehicle Location in Forest Areas	Thermal Ablation Techniques for Tumor Treatment: Open Measurement Issues From Research to Industry
16:30	Using Data Acquisition Systems for Time Period Measurements Based on Averaging Approaches	A Smart Radar Signal Processing Solution for UAVs Surveillance	Analysis and Classification of Patients With Acute Myocardial Infarction by Using Nonlinear Mixed-Effects Modeling
16:45		Assessment of Navigation Capabilities of Mini Cheetah Robot for Monitoring of Landslide Terrains	Soft Multi-Point Waveguide Sensor for Proprioception and Exteroception in Inflatable Fingers
17:00 - 17:30 CEST	CLOSING CEREMONY		