

MONDAY - SEPTEMBER 6, 2021				
08:45 - 09:15 CEST	Opening Ceremony Welcome: Leopoldo Angrisani, Giorgio Ventre, Sergio Rapuano Introduction on the Technical Programme: Gianfranco Chicco, Antonio Iodice			
09:15 - 09:45 CEST	Keynote - Track 2 Francesco Tafuri: "Quantum computation an example of how quantum technologies are advancing towards industrial applications" Chair: Leopoldo Angrisani			
09:45 - 11:15 CEST	Session T1.1 Renewable Energy	Session T2.1 Additive Manufacturing for High-Performance Applications	Session T3.1 Smart Education Technologies	
9:45	<i>An Analysis for a Precise Reliability and Availability Assessment of "Photovoltaic System" Pilot Site: A Case Study</i>	<i>On the Effect of the Layer Thickness in Laser-Powder Bed Fusion of Pre-Mixed Inconel718-Cu Powders</i>	<i>Smart Learning Communities for Bridging the Gender Gap in STEM</i>	
10:00	<i>Long Term Wind Turbine Performance Analysis Through SCADA Data: A Case Study</i>	<i>Penetration Impact Behaviour of Innovative 3d Printing Onyx/Glass Composite Samples</i>	<i>A Practical Account of Designing a Support Tool for an Educational Experience</i>	
10:15	<i>Performance Assessment of Solar Power Plant: Case Study in Kemaman Terengganu</i>	<i>Bio-Lightweight Structures by 3D Foam Printing</i>	<i>COVID-Vention: From Physical to Virtual Open Day, UOW Malaysia KDU Perspective</i>	
10:30	<i>Statistical Validation and Power Modelling of Hourly Profiles for a Large-Scale Photovoltaic Plant Portfolio</i>	<i>Microwave Characterization of 3D Printed PLA and PLA/CNT Composites</i>	<i>On How FPGAs are Changing the Computer Security Panorama: An Educational Survey</i>	
10:45	<i>Fault Detection Scheme for a Large-Scale Photovoltaic Installation Based on Frequency Response Analysis</i>	<i>Printed Sensors for Smart Objects in Industry 4.0</i>	<i>Augmented Reality Laboratory for Instrumentation and Measurements Online Course</i>	
11:00	<i>Solar-Powered Smart Irrigation System</i>		<i>CaptureIt! - A Web-Based Attendance System Using Face Recognition</i>	
11:15 - 11:30 CEST	<i>BREAK</i>			
11:30 - 13:00 CEST	Session T1.2 Energy Management	Session T2.2 Smart Technology Solutions	Session T3.2 Cognitive Computing, Artificial Intelligence & Machine Learning	Start Up and Entrepreneur Video Event Moderator: Tiziana Tambosso
11:30	<i>Towards Graph Machine Learning for Smart Grid Knowledge Graphs in Industrial Scenario</i>	<i>Assessing Lead-Free Barium Zirconate Titanate-Barium Calcium Titanate Thin Films Ferroelectric Properties in Planar Configuration</i>	<i>Automated Teller Machine Cash Demand Prediction</i>	
11:45	<i>Dynamic Programming for Optimal Energy Management in Nanogrids</i>	<i>Expertise and Trade-Offs in Competence Transfer From Academia to Industry: A Successful Case Study</i>	<i>Artificial Neural Networks for Modelling and Controlling the Variables of a Blast Furnace</i>	
12:00	<i>Comparison of Piezoelectric Transducers for Treadmill Vibration Energy Harvesting</i>	<i>A Cheap and Modular Remote Factory Acceptance Test Solution in Times of COVID-19</i>	<i>Fraud Prevention and Detection on Heterogeneous Information Networks With Deep Graph Infomax</i>	
12:15	<i>Design and Analysis of an Embedded Based Data Acquisition System for Monitoring Boiler Losses and Efficiency in Process Industries</i>	<i>BUFFALO: Veterinary and Engineering Sciences at the Crossroads in the Industry 4.0 Age</i>	<i>Optimization of an Artificial Neural Network to Study Accelerations of Foetal Heart Rhythm</i>	
12:30	<i>The University of Genoa Savona Campus Sustainability Projects</i>		<i>A QKeras Neural Network Zoo for Deeply Quantized Imaging</i>	
12:45				
13:00 - 14:20 CEST	<i>BREAK</i>			
14:20 - 16:35 CEST	Special meeting on Innovative startups and entrepreneurs Panel 1: Entrepreneurship supports Moderators: Vincenzo Piuri and Tiziana Tambosso			
16:35 - 16:50 CEST	<i>BREAK</i>			
16:50 - 18:00 CEST	Special meeting on Innovative startups and entrepreneurs Panel 2: Successful startups Moderator: Roberta Albanese			