



GCECN2024

Scientific Program

Global Congress on
**Electronics, Communications
and Networks**

April 22, 2024 | Virtual

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Day 01, Monday, April 22, 2024

Time Zone : Italy (GMT+1)

09:00-9:40	P	<p>Title: Simultaneous Emulation of Synaptic and Intrinsic Plasticity Using a Memristive Synapse</p> <p>Keon Jae Lee, <i>Kaist University, Korea</i></p>
09:40-10:05	I	<p>Title: Powers Business Across Borders by Using AI and Big Data</p> <p>Siyang Luo, <i>Shanghai Infotech, China</i></p>
10:05-10:35	K	<p>Title: Factor Graph Based Efficient Computing Framework for Autonomous Systems</p> <p>Qiang Liu, <i>Tianjin University, China</i></p>
10:35-11:00	I	<p>Title: The Framework and Implementation of Stereo Neural Network</p> <p>Wei-Lun Lin, <i>Feng Chia University, Taiwan</i></p>
11:00-11:25	I	<p>Title: Terabits Radio over Fiber Technology for 5G Backhaul Networks</p> <p>Razali Ngah, <i>Universiti Teknologi Malaysia, Malaysia</i></p>
11:25-11:50	I	<p>Title: Design and FEM Analysis of Electric Motor for EV Applications</p> <p>Monika Verma, <i>Delhi Technological University, India</i></p>
11:50-12:15	I	<p>Title: An Efficient and Secure Model Using Adaptive Optimal Deep Learning for Task Scheduling in Cloud Computing</p> <p>Monawar Rahman, <i>University of Technology and Applied Science, Al Musanna, India</i></p>
12:15-12:40	I	<p>Title: Software-Driven 3D Computing Systems</p> <p>Benedetta Picano, <i>University of Florence, Italy</i></p>
12:40-13:05	I	<p>Title: Post Quantum Cryptography – Results from QUARC</p> <p>Knud Erik Skouby, <i>Aalborg University, Denmark</i></p>
13:05-13:35	K	<p>Title: Topology Design and Control of Medium-Voltage DC Converters in Electricity Distribution Networks</p> <p>Wenlong Ming, <i>Cardiff University, UK</i></p>
13:35-14:00	I	<p>Title: Artificial Intelligence in Education or Artificial Intelligence in Gaining New Knowledge</p> <p>Veronika Stoffová, <i>Trnava University, Slovakia</i></p>
14:00-14:40	P	<p>Title: Contactless Magnetic Sensing in Condition Monitoring and Anomaly Detection for Smart Grid</p> <p>Philip Pong, <i>New Jersey Institute of Technology, USA</i></p>
14:40-15:05	I	<p>Title: Trigonometric Simplex Designs for Learning-Rate Estimation of Stochastic Gradient-Descent Method</p> <p>Hassan Musafer, <i>University of Bridgeport, USA</i></p>

15:05-15:30	I	Title: Reliability Issues in Mosfet Technology
		Muhammad Ullah , <i>Florida Polytechnic University, USA</i>
15:30-15:55	I	Title: Game Theory Guided Deep Learning Reinforcement for Cyber Deception
		Zelin Wan , <i>Virginia Tech, USA</i>
15:55-16:35	P	Title: Deep Learning Based WiFi Indoor Fingerprinting
		Shiwen Mao , <i>Auburn University, USA</i>
16:35-17:05	K	Title: Failure-oriented-Accelerated-Testing (FOAT) and its Role in Assuring Adequate Reliability of Electronic and Photonic Materials, Devices, Packages and Systems.
		Ephraim Suhir , <i>Portland State University, USA</i>

End of Virtual Presentations