



**TENTATIVE  
PROGRAM**

**WSEEE-2025**

**May 8–10, 2025 | Budapest, Hungary**

**WORLD SUMMIT AND EXPO ON  
ELECTRONICS AND ELECTRICAL  
ENGINEERING**

## Day 1 Thursday May 08, 2025

**Registrations: 08:30-09:00**

**Introduction: 09:00-09:30**

09:30-10:10	<b>TITLE:</b> Bridging Between AI and Robotics for Product and Business Development	P
	<b>Andrew Goldenberg</b> , University of Toronto, Canada	
10:10-10:50	<b>TITLE:</b> Emerging Electromagnetic Technologies Affecting Electrical Engineering	P
	<b>Altunkan Hizal</b> , Aselsan Inc., Turkey	
10:50-11:05	<b>Coffee Break</b>	
11:05-11:45	<b>TITLE:</b> To be Updated	P
	<b>Juri Jatskevich</b> , University of British Columbia, Canada	
11:45-12:15	<b>TITLE:</b> Optimization and Localization of Molecular-Beam-Epitaxy-grown InGaAs Quantum Dots	K
	<b>Andreas Dirk Wieck</b> , Ruhr University Bochum, Germany	
12:15-12:45	<b>TITLE:</b> Blood Glucose Monitoring from Voice Signal, 5 years later	K
	<b>Julia Sidorova</b> , Instituto de Salud Carlos III, Spain	
12:45-13:00	<b>Photo Session</b>	
13:00-14:00	<b>Lunch Break</b>	
14:00-14:30	<b>TITLE:</b> AI-Driven Real-Time Student Engagement Assessment Using CNN-Based Emotion Detection and Photonic Neural Networks in Educational Environments	K
	<b>Dror Malka</b> , Holon Institute of Technology, Israel	
14:30-14:55	<b>TITLE:</b> New full-wave/half-wave rectifier with electronic control	I
	<b>Predrag B Petrović</b> , University of Kragujevac, Serbia	
14:55-15:20	<b>TITLE:</b> 6G pilots and trials for sustainability	I
	<b>Sanna Tuomela</b> , University of Oulu, Finland	
15:20-15:45	<b>TITLE:</b> Lyapunov-Based Advanced Nonlinear Control via Matrix Inequalities – Application to Electrical Systems	I
	<b>Souad Bezzaoucha Rebai</b> , EIGSI-La Rochelle, France	
15:45-16:00	<b>Coffee Break</b>	
16:00-16:25	<b>TITLE:</b> An Improved Adaptive SOGI-HOSM Observer for Robust Sensorless Induction Motor Control	I
	<b>Kobena Badu Enyam</b> , Ashesi University, Ghana	
16:25-16:55	<b>TITLE:</b> DeepSeek and Reinforce Learning Revisited	K
	<b>Hongbin Ma</b> , Beijing Institute of Technology, China	

<b>16:55-17:20</b>	<b>TITLE:</b> Fault Disturbance Impacts on Sliding Mode Control for Permanent Magnet Synchronous Machine of Wind Energy Conversion System	
<b>17:20-17:45</b>	<b>TITLE:</b> AI, Digital Twin, Quantum Networking, and LLMs: Building Trustworthy and Intelligent Cognitive Cities	
<b>17:45-18:00</b>	<b>Panel discussion &amp; Group Photo</b>	
<b>End for Day 1</b>		