

Seventh International Conference on Electric Power and Energy Conversion Systems (EPECS 2024) Conference Program



YTU CLEAN ENERGY
TECHNOLOGIES INSTITUTE



AUS | الجامعة الأميركية في الشارقة
American University of Sharjah

ENERGY, WATER AND SUSTAINABLE
ENVIRONMENT RESEARCH CENTER
مركز أبحاث الطاقة والماء والبيئة المستدامة



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Tuesday, November 12, 2024	
	Opening Ceremony (Main Building, Hall A)
9:30–9:40	Conference Co-Chairs: Dr. Rached Dhaouadi, Dr. Ahmed Osman
9:40–9:50	Interim Vice Chancellor for Academic Affairs and Provost: Dr. Mohamed El-Tarhuni
9:50–10:00	Dean of Engineering: Dr. Fadi Aloul
10:00–11:00	Keynote Address 1 (Main Building, Hall A): Why Artificial Intelligence for Handling Complexity of Modern Power Systems? Dr. G. Kumar Venayagamoorthy, Clemson University, Clemson, USA
11:00–11:30	Coffee Break
11:30–12:30	Keynote Address 2 (Main Building, Hall A): WBG power semiconductors enabling high-performance power electronics: challenges and opportunities Dr. Dimosthenis Pefitsis, NTNU, Norwegian University of Science and Technology Trondheim, Norway
12:30–14:00	Lunch Break
14:00–15:00	Student Poster Competition – Main Building Rotunda
15:00–17:00	Afternoon Technical Sessions: Smart Grid and Renewable Energy (SgRe) - Main Building, Hall B Electric Machines and Power Electronics (EMPE) - Main Building, Senate Room
17:00–17:30	Student Poster Competition Awards - Main Building, Hall B
Wednesday, November 13, 2024	
8:30–10:30	Morning Technical Session: Renewable Energy I (RE1) - LIB-011
10:30–10:45	Coffee Break
10:45–12:45	Morning Technical Sessions: Power Systems I (PS1) - LIB-011 Power Systems & Energy Conversion (PS&EC) – ESB-1049
12:45–14:00	Lunch Break
15:15–17:15	Afternoon Technical Sessions: Renewable Energy II (RE2) - Main Building, Hall A Power Systems II (PS2) - Main Building, Senate Room
19:00–10:00	Gala Dinner

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Thursday, November 14, 2024

8:30–10:45	<p>Tutorial 1 – Room: LIB-011</p> <p>Applications for Artificial Intelligence and Machine Learning in the Renewable Energy Sector</p> <p>Dr. Siddharth Joshi, Pandit Deendayal Energy University, India Ms. Ameer Daiya, Saurashtra University, Rajkot, Gujarat, India</p>
10:45–11:00	Coffee Break
11:00–13:15	<p>Tutorial 2 – Room: LIB-011</p> <p>Navigating Power Systems Protection: Legacy Schemes and Future Challenges</p> <p>Dr. Manohar Singh, Punjab Engineering College, Chandigarh, India</p>
13:30–14:00	Closing Session
15:00–22:00	Dubai Bus Tour