14th IEEE SDEMPED 2023, Chania, Greece
PROGRAM AT A GLANCE
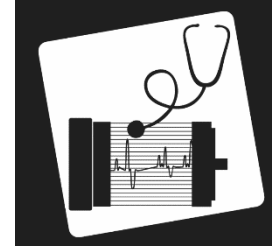
Monday, 28 August 2023

Time	Event
14:00	Registration open
14:30-15:45	Tutorial 1 - Hands-on processing of transient signals for electrical machines fault diagnosis
15:45-16:15	Coffee break
16:15-17:30	Keynote 1 - Faulty trends, common misdiagnosis and tough troubleshooting cases on an electric machine using vibration analysis
17:30-18:00	Coffee break
18:00-19:15	Tutorial 2 - Software-Defined Power Electronics: Theory and Study Cases
19:30	Welcome reception

Tuesday, 29 August 2023

Time	Session A	Session B
8:00	Registration open	
08:30-09:30	Opening Ceremony	
09:30-10:30	Keynote 2 - Challenges in Monitoring the Insulation Condition of Windings Supplied by Voltage Source Invertors	
10:30-11:00	Coffee break	
11:00-13:00	TT1 – Condition Monitoring of Induction Machines (A)	TT5 – Signal Processing and Data Analysis
13:00-14:00	Lunch	
14:00-16:00	TT2 – Condition Monitoring of Synchronous machines (A)	SS3 – Fault Diagnostics and Fault Tolerance in Multiphase Motor Drives
16:00-16:30	Coffee break	
16:30-18:30	SS1 – Machine AI and statistical learning methods for fault detection in electrical machines (A)	SS4 – Thermal Issues in Electric Machines, Power Electronics and Drives: Diagnostics and Fault Tolerance
18:30	Attendees free evening	
19:30	International Steering Committee meeting	

Wednesday, 30 August 2023

Time	Session A	Session B
8:00	Registration open	
08:30-10:30	TT1 – Condition Monitoring of Induction Machines (B)	TT4 – Condition Monitoring of Power Electronics (A)
10:30-11:00	Coffee break	
11:00-13:00	TT3 – Performance, Degradation and Ageing of Materials (A)	TT7 – Demagnetization Faults of Permanent Magnet Machines
13:00-14:00	Lunch	
14:00-16:00	TT6 – Vibrations, bearings and mechanical issues	SS2 – Challenges in fault detection for inverter-fed electrical machines operating in transient regimes and different control types
16:00-16:30	Coffee break	
16:30-18:30	TT2 – Condition Monitoring of Synchronous Machines (B)	SS1 – Machine AI and statistical learning methods for fault detection in electrical machines (B)
20:00	Gala Dinner	

Thursday, 31 August 2023

Time	Session A	Session B
8:00	Registration open	
08:30-10:10	TT3 – Performance, Degradation and Ageing of Materials (B)	TT4 – Condition Monitoring of Power Electronics (B)
10:10-10:30	Coffee break	
10:30-11:00	Closing ceremony	
11:15-11:45	Travel by bus from the conference venue to the Archaeological Museum of Chania	
12:00-14:00	Guided tour of the Archaeological Museum of Chania	
14:00-15:15	Free time for lunch	
15:15	Return to the conference venue or transportation to the airport by bus	