

August 28 [Wednesday] Rooms: UA 1120, UA1220, UA atrium

Track A

Track B

8.30-9.00	Opening Session UA 1120	
9.00-10.00	Keynote Speaker: Dr. Peter Lund (Aalto University, Finland) UA 1120	
10.00-10.30	Coffee Break 1 UA Atrium	
	Session Chair: Dr. Prasanta Ghosh & Dr. Thomas Kunz	Session Chair: Dr. Hossam Gaber & Dr. Mohamed Youssef
10.30-11.00	OS1 #22: An Approach for Optimal Placement of Phasor Measurement Units considering Fuzzy logic based Critical Buses/ Venkatesh Rokkam (Crompton Greaves Ltd., India); Ravikumar Bhimasingu (Crompton Greaves Ltd., India) Video Conference UA 1120 Video Presentation	OS5 #21: Configurations for Multiple Thermal Energy Storages in Thermal Networks/ Behnaz Rezaie (University of Ontario Institute of Technology, Canada); Bale Reddy (University of Ontario Institute of Technology, Canada); Marc Rosen (University of Ontario Institute of Technology, Canada) UA 1220
11.00-11.30	OS1 #3: Cost Optimization via Rescheduling in Smart Grids – A Linear Programming Approach/ Muhammad Raisul Alam (Carleton University, Canada); Marc St-Hilaire (Carleton University, Canada); Thomas Kunz (Carleton University, Canada) UA 1120	OS5 #27: Thermal efficiency improvement of hydrogen production via thermochemical water splitting/ Samane Ghandehariun (University of Ontario Institute of Technology, Canada); Marc Rosen (University of Ontario Institute of Technology, Canada); Greg Naterer (Memorial Institute of Newfoundland, Canada); Zhaolin Wang (University of Ontario Institute of Technology, Canada) UA 1220
11.30-12.00	OS1 #60: Optimized Allocation of STATCOMs based on Equivalent Impedance Modeling of VSCs Using Genetic algorithm/ Masoud Mohammadalizade-Shabestary (Amirkabir University of Technology, Iran); Mohammadreza Yaghoobinia (Mobarakeh Steel Company, Iran) UA 1120	OS5 #31: Status of Energy Storage Options for Electricity from Nuclear Power Plants/ Nirmal Gnanapragasam (Atomic Energy Canada Ltd., Canada); Donald Ryland (Atomic Energy Canada Ltd., Canada); Sam Suppiah (Atomic Energy Canada Ltd., Canada) UA 1220
12.00-12.30	OS1 #64: Optimization of SMC Parameters Using PSO in a Full-Bridge DC-DC Converter with Inductive Load/ Mohammad Dehdarinejad (Amirkabir University of Technology, Iran); Farzad Razavi (Islamic Azad University, Iran); Hossein Askarian Abyaneh (Amir Kabir University of Technology, Iran); Amir Hosseini (Amirkabir University of Technology, Iran) UA 1120	OS5 #38: Using Distributed Intelligence to Transform the Distribution Power Grid into an Actively Managed Network/ Bob Leigh (LocalGrid Technologies, Canada); Sushma Narisetty-Gupta (Toronto Hydro-Electric System Ltd., Canada); Laura Capron (ProLucid Technologies, Canada) UA 1220
12.30-13.30	Lunch 1 UA Atrium	
	Session Chair: Dr. Prasanta Ghosh & Dr. Ahmed Azmy	Session Chair: Dr. Sajid Hussain & Dr. Mohamed Youssef
13.30-14.30	Keynote Speaker: Dr. Gabbar (University of Ontario Institute of Technology, Canada) UA 1120	
14.30-15.00	OS6 #16: Demand-side management-based dynamic pricing within smart grid environment/ Amlak Abaza (Kaferel Shiekh University, Egypt); Ahmed Azmy (Tanta University, Egypt) UA 1120	OS5 #77: New method of single-phase active filter for AC trains based on Hilbert transform/ Amir Aghazadeh (Amir Kabir university of Technology, Iran); Iman Niaazari (Amir Kabir university of Technology, Iran); Naser Khodabakhshi Javinani (Amir Kabir university of Technology, Iran); Hossein Hosseinian (Amir Kabir university of Technology, Iran); Hossein Askarian (Amir Kabir university of Technology, Iran) UA 1220
15.00-15.30	OS6 #17: Market Equilibrium of Distribution Network with Alternative Energy Resources/ Mohammad Nikkiah Mojdehi (Syracuse University, U.S.A.); Prasanta Ghosh (Syracuse University, U.S.A.); Peter Wilcoxon (Syracuse University, U.S.A.) UA 1120	OS5 #78: Thermal Comfort and Cooling Performance of Residential Buildings in Arid Climates/ Farayi Musharavati (Qatar University, Qatar); Nadya Al-Awainati (Qatar University, Qatar); Maryam Fakhroo (Qatar University, Qatar) UA 1220 Video Presentation
15.30-16.00	Coffee Break 2 UA Atrium	
	Session Chair: Dr. Prasanta Ghosh & Dr. Ahmed Azmy	Session Chair: Dr. Sajid Hussain & Dr. Mohamed Youssef
16.00-16.30	OS6 #23: Loss of Data Management in Real-Time Short-Term Forecasting Algorithms/ Hadi Khani (University of Western Ontario, Canada); Mohammad Dadash Zadeh (University of Western Ontario, Canada); Amir Hajimiragha (General Electric Digital Energy, Canada) UA 1120	OS5 #79: Optimizing Operations Towards High Energy Performance in Commercial Buildings Through Thermal Modeling/ Farayi Musharavati (Qatar University, Qatar); Maryam Fakhroo (Qatar University, Qatar); Nadya Al-Awainati (Qatar University, Qatar) UA 1220 Video Presentation
16.30-17.00	OS6 #46: Comparison between Static Models of Commercial/Residential Loads and Their Effects on Conservation Voltage Reduction/ William Caetano (CEFET-MG, Brazil); Patricia Jota (CEFET-MG, Brazil); Eduardo Gonçalves (CEFET-MG, Brazil) UA 1120	OS7 #44: Smart Operation of Unbalanced Distribution Systems with PVs and Energy Storage/ Isha Sharma (University of Waterloo, Canada); Mohammad Chehrehgani Bozchalui (NEC Labs America Inc., U.S.A.); Ratnesh Sharma (NEC Labs America Inc., U.S.A.) UA 1220
17.00-17.30	OS2 #80: Interoperability and Interchangeability Considerations in Microgrids Employing IEC61850 Standard/ Taha Selim Ustun (Victoria University, Australia); Abdurrahman Hadbah (Victoria University, Australia); Prof. Akhtar Kalam (Victoria University, Australia) UA 1120 Video Presentation	OS4 #62: Improve the fault ride through capability of DFIG during RSC short circuit Fault/ Ahmed Abdou (UNSW, Australia); Ahmed Abu-Siada (Curtin University, Australia); Hemanshu Pota (University of New South Wales, Australia) UA 1220 Video Presentation
17.30-18.30	Tutorial 1	Tutorial 2