

14:00-15:30			16:00-17:30		
Session	Session Name	Session Chair	Session	Session Name	Session Chair
I	Information and Communication technologies in Power Systems I	TBD	I	Active distribution networks I	TBD
	Paper no.	Paper title		Paper no.	Paper title
		Authors			Authors
	119	Multi-Criteria HVAC Control Optimization		19	Improved Modelling of Electric Loads for Enabling Demand Response by Applying Physical and Data-Driven Models Project RESPONSE
		Stelios Krinidis, Apostolos Tsolakis, Iraklis Katsolas, Dimosthenis Ioannidis, Dimitrios Tzovaras			Pekka Koponen, Seppo Hänninen, Antti Mutanen, Juha Koskela, Antti Rautiainen, Pertti Järventausta, Harri Niska, Mikko Kolehmainen, Hannu Koivisto
	72	Using Reinforcement Learning for Optimizing Heat Pump Control in a Building Model in Modelica		71	Demand Side Management Considering Consumers Sensitivities Using a Game Theory approach
		Thijs Peirelinck, Frederik Ruelens, Geert Deconinck			Benoit Durillon, Arnaud Davigny, Sabine Kazmierczak, Hervé Barry, Christophe SAUDEMONT, Benoît Robyns
	16	Rapid Automatic Thyristor type Excitation Controller Adjustment via Region of Required Quality Construction		101	Residential consumption responsiveness under time-varying pricing
		Vladimir Shikhin, Anna Shikhina, George Chrysostomou			Venizelos Venizelou, George Makrides, Venizelos Efthymiou, George Georghiou
	76	Comparing Neural Architectures for Demand Response Through Model-Free Reinforcement Learning for Heat Pump Control		144	Collective Prosumerism: Accessing the Potential of Embedded Networks to Increase the Deployment of Distributed Generation on Australian Apartment Buildings
		Christophe Patyn, Frederik Ruelens, Geert Deconinck			Mike B Roberts, Anna Bruce, Iain MacGill
II	Energy Storage and Renewables I		II	Microgrid Operation	
	Paper no.	Paper title		Paper no.	Paper title
		Authors			Authors
	120	A UPSO based Optimal BEVs Charging for Voltage Quality Improvement		134	European LV Microgrid Benchmark Network: Development and Frequency Response Analysis
		Georgios Christoforidis, Aggelos Bouhours, Anastasios Tsiakalos, Emmanouil Emmanouil, Dimitrios Labridis, Paschalis Gkaidatzis			Melike Selcen Ayaz, Vladimir Terzija, Rasoul Azizipanah-Abarghooee
	158	A Missing Data Treatment Method for Photovoltaic Installations		154	Minimum power losses by using droop coefficients regulation method with voltage and frequency constraints in islanded microgrids
		Georgios Christoforidis, Ioannis Panapakidis, Aggelos Bouhours			Eleonora Riva Sansaverio, M.Luisa Di Silvestre, Gaetano Zizzo, Binh Doan Van, Quynh Tran Thi Tu
	149	Financially Optimal Solar Power Sizing and Positioning in a Power Grid		152	Flexible Solution for Grid-Connected Operation of Microgrids, Based on a Leading Inverter With Supercapacitor Energy Storage
		Ozcel Cangul, Edoardo Patelli, Roberto Rocchetta, Murat Fahrioglu			Ioan Serban, Corneliu Marinescu
	18	Stability and Eigenvalue Sensitivity Analysis of a BESS model in a Microgrid		155	An Adaptive Protection Strategy for Reliable Operation of Microgrids
		Nauman Beg, Ahmad Rahmoun			kourosh Sedghi, keyvan Talebizadeh Sardari
III	Electrification of transportation sector		III	Modern Transmission System I	
	Paper no.	Paper title		Paper no.	Paper title
		Authors			Authors
	7	Lithium-ion Batteries: Experimental Research and Application to Battery Swapping Stations		3	FAST DTS – AGORA: Automatic Generation and Dynamic Evaluation of Power System Restoration Plans
		Vedran Bobanac, Hrvoje Pandzic			stijn cole, François Promel, Regina Llopis, José Antonio Marqués, Luis María Zamarreño
	106	Thermal Evaluation of Railway Transformer Used in Autotransformer Feeding Systems		91	Rebound Effects of Demand-Response Management for Frequency Restoration
		Mingyu Han, James Hill, Peter Crossley, Zhongdong Wang			Marc Scherer, Olivier Mégel, Martin Geidl, Philipp Lütolf, Evangelos Vrettos
	113	Fast Charging Station with Battery Storage System for EV: Grid Services and Battery Degradation		95	Coordination of Fast Frequency Support from Multi-terminal HVDC Grids
		Marc Petit, Lucas Richard			KHADIJAT JOSE, Jun Liang, Oluwole Adeuyi, Carlos Ugalde-Loo
	49	A Fuel Cell Vehicle Thermal System Model		86	Analysis of a power factor regulation strategy for an embedded point-to-point MMC-HVDC system.
		Philipp Rehlaender, Philipp Kemper, Andreas Schwung, Ulf Witkowski			Arcadio Perilla, Jose Rueda, Mart van der Meijden, Alex Alefragkis, Anna Lindefelt
IV	Special Session: Interplan		IV	Special Session: Interplan	