ELECTRIC POWER ENGINEERING 2013

Wednesday, May 29, 2013 - second day of the conference

Session Electrotechnology I, II (ROOM 400)

Chairmans: Tomáš Hüner (ČEZ, a.s., CZ) and Iraida Kolcunová (TU Košice, SK)

Guarantee: Zdeněk Hradílek (VŠB - TU Ostrava, CZ)

Time	No	Authors	Title of paper
8:00 - 9:30	164	Libor Kozubik, Michal Osladil	e-Mobility Impact on Electricity System and Business Environment
	160	Roman Portužák	Electric Vehicles as a part of Smart Grids, Opportunities and Threats for Distribution System
	25	Michal Morte	Hydrogen energy storage as an alternative to pumped-storage hydroelectricity
	73	Hana Benešová, Jan Škorpil	Preparation of Silicon Thin Films for Photovoltaic 3rd Generation and Possibilities of Evaluation of Their Performances
	80	David Rot, Stanislav Jiřinec, Jiří Kožený	Modeling of SiO2 melt starting phase by electromagnetic induction in a cold crucible
	106	Jan Šrámek, Zdeněk Hradílek	Methods for Measuring Heat Pump Energy Balance
9:30 - 10:00			Coffee break
10:00 - 11:30	14	Lukáš Lisoň, Iraida Kolcunová, Marek Pavlík	Frequency dependence of dielectric permittivity of insulating liquids
	145	Josef Šenk, Ilona Lázničková, Ivana Jakubová	Investigation of Influence of Pressure in a High-temperature Device with Electric Arc
	107	Petr Zemánek	EDLC MEICAP and MEIPOSS as part of the Smart Grid
	91	Zbyněk Carbol, Tomáš Novák, Roman Hrbáč, Karel Sokanský	Supercapacitors as a Power Sources for Emergency Lighting Luminaires
	165	Ivo Ullman	The New Outdoor Lighting Implementation in Electric Substations CEPS, a.s.
	167	Ondřej Frantík, Pavel Čech, Jiří Hladík, Radim Bařinka, Pavlína Bařinková, Aleš Poruba, Jörg Schmauder, Radovan Kopecek, Axier Bollar, Dimitris Koumanakos, Nerea Otero, Pablo Romer	Research and development of innovative structures crystalline silicon solar cells