Global Summit on

Electronics and Electrical Engineering

November 03-05, 2015 Valencia, Spain

Scientific Program

Day 1 November 03, 2015

09:00-10:00 **Registrations**

Melia Meeting-6

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10:00-10:25 **Opening Ceremony**

Keynote Forum	
10:25-10:30	**Introduction**
10:30-11:15	**Manuel Járrega** **Schneider Electric, Spain**
Networking & Refreshments Break 11:15-11:35 @ Foyer	
Track 1: Power Electronics Track 2: Machines and Drives Track 3: Power Systems	
Session chair: Nikolai Voropai, Energy Systems Institute, Russia **Session co-chair: Yaser Hadi,** Yanbu Industrial College, KSA	
Session Introduction	
11:35-12:05	**Title: Additive manufacturing as a flexible tool for electrical engineering**
	Volker Zollmer, Fraunhofer IFAM, Germany
12:05-12:35	**Title: Study of nuisance tripping of residual current circuit breakers with electronic loads**
	Guillermo Escriva-Escriva, Universitat Politècnica de València, Spain
12:35-13:05	**Title: A study on development of DC-DC converter for 1 MW-class high speed electric power charge**
	Gil-dong Kim, Korea Railroad Research Institute, Korea
Lunch Break 13:05-14:05 @ Aqua Restaurant	
14:05-14:35	**Title: How is smart grid transforming the power sector?**
	Miguel A Hernandez, AF-Mercados EMI, Spain
14:35-15:05	**Title: Multi-criteria decision analysis techniques in electric power system expansion planning**
	Nikolai Voropai, Energy Systems Institute, Russia
15:05-15:35	**Title: Studying and comparing deflections values of periodic plates with direct forms from a single material**
	Yaser Abdulaziz Hadi, Yanbu Industrial College, KSA
15:35-16:05	**Title: Acoustic noise reduction in DTC-based induction-motor drives using a unified flux and torque control**
	Joonhyoung Ryu, Korea Railroad Research Institute, Korea

	Networking & Refreshments Break 16:05-16:25 @ Foyer
16:25-16:55	**Title: Inductance determination for air-cored permanent magnet axial flux machine**
	Tareq S El-Hasan, Zarqa University, Jordan
16:55-17:25	**Title: A study on reliability of the auxiliary power supply for railway vehicle**
	Jae-won Kim, Korea Railroad Research Institute, Korea
17:25-17:55	**Title: New concept in automation: ePAC**
	M Járrega, Schneider Electric, Spain
	Panel Discussion

	Day 2 November 04, 2015
	Melia Meeting-6
10:00-11:00	**Registrations**
	Networking & Refreshments Break 11:00-11:20 @ Foyer
	Track 5: Renewable and Non Renewable Energy Sources Track 7: Applications of Electrical & Electronics Engineering Track 8: Signal Processing Track 10: Telecommunication Systems
	Session chair: Raed Althomali, Yanbu Industrial College, KSA **Session co-chair: Ignacio Alonso Montull,** CASIOPEA ESM2M, Spain
	Session Introduction
11:20-11:50	**Title: A novel reverse-hysteretic delta sigma modulator**
	Raed Althomali, Yanbu Industrial College, KSA
11:50-12:20	**Title: Localization of mobile terminal in emergency situations**
	Ezgi Dizdaroglu, Vodafone Turkey HQ, Turkey
12:20-12:50	**Title: LTE 4G deployment in telecom industry and the new opportunities in this market joining IoT technologies and future services**
	Juan Ignacio Alonso Montull, CASIOPEA ESM2M, Spain
	Lunch Break 12:50-13:50 @ Aqua Restaurant
13:50-14:20	**Title: PV systems: Rural electrification, very large PV Grid-connected systems**
	Vicente Salas, Universidad Carlos III de Madrid, Spain
14:20-14:50	**Title: Power monitoring in nuclear reactors**
	Amir Zacarias Mesquita, Brazilian Nuclear Energy Commission, Brazil
	Young Research Forum
14:50-15:10	**Title: Phase-error correction by single-phase phase-locked loops based on transfer delay**
	Patrick Kobou Ngani, University of Luxembourg, Luxembourg
15:10-15:30	**Title: A survey of microarray technology for DNA analysis**
	Begum Erciyes, Dokuz Eylul University, Turkey
15:30-15:50	**Title: Effect of wind energy participation in AGC of interconnected multi-source power systems**
	Saab Bader AL-Tamimi, Qassim University, KSA
	Networking & Refreshments Break 15:50-16:10 @ Foyer

Poster Presentations @ 15:50- 16:50 @ Foyer	
EEE01	**Title: Demand response scheduling based on system operator: A dynamic programming approach for load shifting**
	Jong-Pil Yang, Konkuk University School of Engineering, Korea
EEE02	**Title: Development of digital simulator to evaluate protective relay in traction power supply system**
	Dong-Uk Jang, Korea Railroad Research Institute, Korea
EEE03	**Title: Dielectric strength of voidless $BaTiO_3$ layers with fabricated by aerosol deposition for MLCC application**
	Hong-Ki Kim, Kwangwoon University, Korea
EEE04	**Title: Development of a radon detector module using CMOS image sensor and a selective real time monitoring system: CMOS image sensor and its application in a radon de-tector with selective real time monitoring system**
	Jae-Hak Kim, University of Seoul, South Korea
EEE05	**Title: Source localization techniques for a moving target using phase difference between two acoustic beating envelopes**
	Choi Kyoung-Sik, Korea Aerospace Industries Ltd., South Korea
Panel Discussion	

Day 3 November 05, 2015	
Melia Meeting-6	
Track 12:Wireless Communications	
Session chair: Chongdeuk Lee, Chonbuk National University, South Korea	
Session Introduction	
10:00-10:30	**Title: A collaborative resources control for device-to-device communication underlaying LTE cellular network**
	Chongdeuk Lee, Chonbuk National University, South Korea
10:30-11:00	**Title: Market-ready smart and super grid technologies for international cross-border interconnections**
	Wolfgang Krewel, Alstom Grid, Germany
Networking & Refreshments Break 11:00-11:20 @ Foyer	
Business to Business Meetings (B2B) @ 11:20:12:20	
Academics & Research Meetings @ 12:20:13:20	
Lunch Break 12:50-13:50 @ Aqua Restaurant	
Closing Ceremony	

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2nd Global Summit on

Electronics and Electrical Engineering

October 24-25, 2016 Chicago, USA

Website: electricalengineering.global-summit.com