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2015 IEEE JOINT INDUSTRIAL AND COMMERCIAL POWER SYSTEMS PETROLEUM AND CHEMICAL INDUSTRY CONFERENCE

DAY 1 :

20/11/2015

9:00 10:00 Registration

10:00 10:30 Inaugural Session

10:30 11:00 Invited Talk : Delivering firm power for electrifying India using PV & energy storage : By Dr.Nagendra Cherukupalli, USA

11:00 11:15 Tea Break

11:15 1:30 SESSION-1 TRACK-1 Venue: Conference Hall -I TRACK-2 SESSION-2 Venue: Conference Hall -II

11:15	11:40		1	Calculation of Short-Circuit Current in Shore Power Connection Systems" - Chun Lien Su, Khoshing University, Taiwan. 1	A framework for Investigative Analysis of Islanding and Pre-Islanding Behaviour of Solar PV inverters Connected to Distribution Grids", Shashank Vyas, NIT, Jaipur. 140
11:40	12:05		2	Islanding Experience at a Petroleum Processing Cogeneration Facility"- Tushar Patil, GE Energy Consulting, GE India Exports Pvt. Ltd 10	Design, Erection, Testing and Commissioning of 200 kWp roof-top grid tied solar photovoltaic system at Vasavi College of Engineering, Chakravarthy Muktevi, Vasavi College -ngineering.
12:05	12:30		3	Fast Bus Transfer Systems - Customized Scheme Requirements and Implementation Experiences", Amit Raje, Aartech Solonics Limited. 16	Buck-Boost Converter Fed SRM Drive for Solar PV Array based Water Pumping" Bhim Singh, IIT Delhi. 153
12:30	12:55		4	Three-Phase Dynamic Simulation of Power Systems Using Combined Transmission and Distribution System Models- Himanshu Jain: ECE Department, Virginia Tech., USA 26	A Decoupled Adaptive Noise Detection based Control Approach for Multifunctional SECS", Chinmay Jain, IIT Delhi 161
12:55	1:20		5	Fuzzy logic based Control for IPFC for Damping Low Frequency Oscillations in Multimachine Power System", Alivelu Manga Parimi, BITS-Hyderabad. 32	Simulation of power management circuit in a Standalone Solar Photovoltaic-Fuel Cell- Battery Hybrid Power System" - Ashok Reddy K, CSIR-SERC, Taramani 600113 168

1:30 2:30 Lunch Break

2:30 4:10 SESSION-3**SESSION-4**

2:30	2:55		1	Design and Application of Variable Frequency Constant Pressure Technology in Closed System Pumps on Marine Vessels", - Chun Lien Su, Khoshing University, Taiwan. 37	Implementation of Emperical Mode Decomposition for Shunt Active Filter", - Sukumar Mishra, IIT Delhi 174
2:55	3:20		2	A Study of Experimental Investigations on Two Winding Single-Phase Self Excited Induction Generators", Ujjwal Kalla, Indian Institute of Technology Delhi. 45	Power Quality Enhancement by Current Controlled Voltage Source Inverter based DSTATCOM for Load Variations"- Hareesh M, NIT Warangal. 182
3:20	3:45		3	Performanced Improvement using a Multi-level Converter in a DTC based Induction Motor Drive", Gautham, BITS-Hyderabad. 52	Damped-SOGI Based Control Algorithm for Solar PV Power Generating System", Bhim Singh, Shilendra Dwivedi, IIT Delhi. 189
3:45	4:10		4	Real Time Models for FPGA based Control of Power Electronic Converters: A Graphical Programming Approach", Prof. V.V. Sastry, GVPCE, Vizag 60	LED Based Street Lighting with Automatic Intensity Control Using Solar PV" G Bhuvaneswari, BITS Pilani Hyderabad Campus. 197
4:10	4:30		5	A PFC Modified-Landsman Converter Based PWM-Dimmable RGB HB-LED ,Driver for Large Area Projection Applications", A.K. Jha, IIT Delhi. 66	

4:30 4:45 Tea Break

4:45 5:15 Invited Talk : High power / High density power electronic converters with medium frequency transformer isolation.. By : Prof Prasad Enjeti

5:15 5:30 Supporters (Platinum) Presentation

5:30 6:15 Visit to Exhibition

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DAY 2 :

21/11/2015

9:45 10:30 Invited Talk : Understanding National Electrical Safety Code (ANSI C2) for Global adoption for reducing fatalities from overhead power lines. By: Mr. John Nelson

10:30 10:45 Supporters (Gold) Presentations

10:45 11:00 Tea Break

11:00 1:05 SESSION-5 Venue: Conference Hall- I

SESSION-6 Venue: Conference Hall: II

11:00	11:25		1	IEC 61850 Based Predictive Power Management System for Industrial Networks” Prasanna Narasimhan, ABB India Limited. 76	Improved Limited Power Tracking of a Photovoltaic Plant Connected across Voltage-Controlled DC Bus”, Sarkar, IIT Hyderabad. 203
11:25	11:50		2	Life Cycle Extension of Electrical Equipment and Systems in a Large Metallurgical Plant – A Case Study”- Vinod V.Nair, Binani Zinc Ltd, Ernakulam – 683502, Kerala. 81	Multi-Functional Solar Inverter for Grid Harmonic Elimination and Support, Shravana Kumar, Eaton 209
11:50	12:15		3	A Coordinated Solution for the Network Wide Circuit Breaker Synchronization using IEC 61850, Arinjai Gupta, ABB India Limited 86	Electrical Safety Practices in Cement Industry for sustainable operation”, Navin Agarwal, Ultratech Cement Limited, Hirni. 214
12:15	12:40		4	Placing IPFC at multiple generator connected grid for reducing Short circuit current”, Tippana Vishnu Charan, BITS-Hyderabad 90	Towards Globalization of Standards For Electrical Safety in the Workplace” Giuseppe Parise, Sapienza University, Roma 00184 & Satish Chaparala 220
12:40	1:05		5	Reactive Power Compensation in Microgrids Using Custom Power Devices” - Gayatri, BITS-Hyderabad 96	Electrical Safety Sensor for Unskilled Technicians in India”, Phulare, Raychem RPG Limited, Gujra. 226

1:05 1:30 Visit to Exhibition

1:30 2:30 Lunch Break

2:30 4:30 SESSION-7**SESSION-8**

2:30	2:55		1	Performance Analysis of Position Control of Switched Reluctance Motor Drive” Pavan Kumar K, Vasavi college Engineering. 105	6MW AFE drive harmonic mitigation solution by Passive filter”, Ronac Desai, L&T-MHPS Turbine Generator Pvt. Ltd 230
2:55	3:20		2	Experiences with Axial Flux Sheet Rotor Induction Motor” - Ankita Dwivedi, IIT (BHU), Varanasi. 115	Real Life Case Studies on Diagnosis and Solutions of Electrical Network Quality Related Problems", Rajen Mehta, Efficienergi Consulting Private Limited 243
3:20	3:45		3	A 3-D Procedure To Trace The Air Path Inside A Flux Reversal Generator for Mechanical Characterization” Vidhya B, B.S.Abdur Rahman University. 119	Medium Voltage Single Core Cable Armor Grounding - Issues and Solutions" Mr. Neeraj Bhatia, Bechtel, USA 251
3:45	4:10		4	Fuel Enrichment Techniques for Higher Efficiency and Reduced Pollution".- Srinivasa Murthy Lolla, Consultant, Hyderabad. 125	Robust High Voltage Cable Joint Design”, Shubhankar Das, Rachem RPG Ltd, Guj Rath. 260
4:10	4:30		5	Design and Development of Rapid Prototype Controlled PMSM Drive", Akash Deep, IIT (BHU). 134	Practical Industrial Applications of Ultra Capacitor Technology in India - A Case Study", Amit Raje, Aartech Solonics Limited 265

4:30 5:15 Invited Talk : Low Voltage DC – The Scope and Challenges : By Prof. Krishna Vasudevan, IIT, Chennai**5:15 5:45** Vote of Thanks