Tentative Program							
	PESA 2013 Day 1(11 Dec)				PESA 2013 Day 2 (12 Dec)		
8:30-9:00	Registration			8:30-9:00	Registration		
9:00-9:10	Open ceremony						
9:10-10:40	**Keynote Speech**			**9:00-10:30**	**Keynote Speech**		
9:10-9:55	**Prof. Keyue Ma Smedley, University of California at Irvine** 68, Build A Power Electronics Super-Grid			**9:00-9:45**	**Prof. Ron Hui, The University of Hong Kong** 42, Wireless Power Transfer: A Brief Review & Update		
9:55-10:40	**Prof. Xu Dehong, The Zhejiang University** 48, A Fuel Cell Uninterruptible Power Supply (FC-UPS) System			**9:45~10:30**	**Prof. Patrick Chi Kwong Luk, Cranfield University** 61, Electronic Tuning of a High Frequency DC/AC Inverter for Inductive Power Transfer		
10:40-11:10	Tea Break			10:30~11:00	Tea Break		
11:10-12:40	Plenary Session (Z2-035)			11:00-12:30	Session 3 Renewable Energy (Z035)		
11:10-11:40	**Prof. Sanjib K. PANDA, National University of Singapore** 60, Overview of high altitude wind energy harvesting system			11:00-11:30	**Dr. Llewellyn Tang, University of Nottingham, Ningbo** 59, Intelligent HVAC Information Capturing System for Smart Building Information Modelling		
11:40-12:10	**Dr. T.W.Ching, University of Macau** 46, Review of Wireless Charging Technologies for Electric Vehicles			11:30-12:00	**Zhao Zhuoli, South China University of Technology** 67, Dynamic Equivalent Modeling of Wind Farm with Double-fed Wind Turbine Based on Operating Data		
12:10-12:40	**B. Tong BYD Group** 69, Electrified Public Transport			12:00-12:30	**Ji-lin Fang, Shenzhen University** 27, Optimization Design of Planar Switched Reluctance Motors Based on Electromagnetic Force Characteristics		
	Chinese Lunch				Conference Christmas Buffet Lunch		
Parallel sessions 2:00-3:40	Session 1A PV Technologies Z2-035	Session 1B Motor & Drive control 1 Z2-033	Session 1C Power converter &Inverter 1 Z2-032	Parallel sessions 2:00-3:40	Session 4A Power converter &Inverter2 Z2-035	Session 4B Motor & Drive control4 Z2-033	Session 4C Wind Power Z2-032
2:00-2:20	5, Power Loss Analysis of Five-Level Inverters for Grid Tie Photovoltaic System	28, Fuzzy PID Control for the Linear Switched Reluctance Machine	40, A new AC charging system with orderly charging for electric	2:00-2:20	10, Design of dual control and dual output constant current source for Semi-conductor laser	12, Analysis of Stress Distribution on End Winding of Large Water Filling	20. A UPQC Controller Design Based on SMVSC

			vehicles		diode	Submersible Motor during Steady State Operation	
2:20-2:40	14, Automatic Test Platform for Photovoltaic Grid-connected Inverters	6, A Transient Finite Element Method for Power Electronic Driven Electric Machines	57, Design method of outcome based learning for an inverter experiment in a Power Electronics Subject	2:20-2:40	15, Study on Double Modulation Wave Carrier-based PWM for Three-level Neutral-point-clamped Inverters	13, Influence of harmonic on Rotor Dynamic Performance of Large Submersible Motors in State of Sub-critical Speed	62, A Novel CHB Multilevel Converter for PMSM Drives with Energy Feedback System
2:40-3:00	16, Modeling and Simulation of Single-Phase Photovoltaic Grid-Connected Inverter	8, Comparison of heat at various parts of Five phase Induction Motor with predicted temperature by Thermal Model of a Five phase Induction Motor	58, The Study on the Busbar System and its Fault Analysis	2:40-3:00	30, Characteristics Analysis and Comparison of Buck Boost Circuit and Cuk Circuit	49, Electromagnetic vibration and noise study of curve PM motor based on FEA analysis	63, Research on Energy Feedback Topologies Using in CHB Multilevel Converter for PMSM Drives
3:00-3:20	44, Design and Simulation of a Novel Gesture Control Method for PV Tracking System Based on Switched Reluctance Motor	9, Three phase Stator Winding Temperature with Z-source Inverter Fed Induction Motor using microcontroller	45, Starting Response Time Dynamic Digital Simulation of DCT Clutch BLDC Motor	3:00-3:20	31, Summarizing common-mode noise suppression strategy of the transformer	50, Electromagnetic vibration and noise study of curve PM motor based on theory and experiment analysis	70.Calculation of Mutual Inductance Based on Field-Circuit Coupling Analysis for WPT
3:20-3:40	53, Latest Technology Development of Concentrator Photovoltaic System	26, Sensorless Vector Control of Permanent Magnet Synchronous Motors Based on the Improved Sliding Mode Observer	22. Short-Term Wind Power Forecasting Based on Support Vector Machine	3:20-3:40	37, Bidirectional Tapped-inductor-based Buck-Boost convertor and its circuit application	51, Sensorless Vector Control for High-Speed Permanent Magnet Disk Synchronous Motors	
3:40-4:05	Tea Break				Tea Break		
Parallel sessions 4:05-5:45	Session 2A: Charging Technology:	Session 2B Motor & Drive control 2	Session 2C Motor & Drive control 3	Parallel sessions 4:05-5:45	Session 5A: Distributed Generation:	Session 5B Power converter Inverter3	
4:05-4:25	11, Implementation of Battery Charging and Discharging System in Photovoltaic System	39, A Controller for Linear Compressors Propelled By Linear Switched Reluctance Actuators,	3. Finite Element Analysis of a Squirrel Cage Induction Motor With an Oval Stator Under Eccentricity	4:05-4:25	17, Evaluation of the Potential Regulation Capacity of Water Heater Loads	32. An Energy Sharing Scheme for SC based Multilevel Inverter for High Frequency AC Power Distribution System	
4:25-4:45	41, A smart, low-cost AC charging system for electrical vehicles	4, Influence of Pole-arc Coefficient on Electromagnetic Vibration of Automobile Alternator	55, Experimental study of automotive interleaved boost battery charger for PV	4:25-4:45	18, Switch-Mode AC Stabilized Voltage Supply Based on PR Controller	7, A Convenient Algorithm for Circuit Parameters of Eddy-Current Field Based on Circuit-Field Coupling	

			systems			Formulation	
4:45-5:05	24, Development of charge equalization circuit	29, Simulation and Optimization of a Direct Drive Rotary Motor	64, High precision position control of linear switched reluctance motor for short distance	4:45-5:05	33, Multi-Agent System Applied to Energy Management System for Renewable Energy Micro-Grid	21, Variable Window Hysteresis Control Strategy for Ultra-Capacitor Configured Energy Storage System in Electric Vehicles	
5:05-5:25	19, A Novel Power Decoupling Technique for Single-Phase Photovoltaic Grid-Connected Inverter	36, Design Optimization of a Multi-modular Linear Switched Reluctance Actuator	65, Analysis and design of a linear switched reluctance motor with force improvement	5:05-5:25	34, Multi-objective Optimization for Renewable Energy Distributed Generation Based on Fuzzy Satisfaction	38, Hybrid Energy Storage System and Associated Converters Examination for DC Distribution	
5:25-5:45	54, Prediction of Charging and Discharging Performances of Super-capacitor Modules		66, Adaptive Fuzzy Tracking Control for Linear Motor Driven Compressor	5:25-5:45	35, A cross platform multi-area generation reliability assessment prototype system	47, New Insight into the Mechanism of the Spurious Triggering Pulse in the Bridge-leg Configuration	