



Fall 2009

[A Power Electronic Level Overview](#) , 11/16/2009, 112 EECH, 11/09/2009, G-31 EECH ([ppt presentation](#) & [doc paper](#))

[Traditional Design of Cage Rotor Induction Machines](#) , 11/02/2009, EECH Finley Conf. Room

[The Hilbert Transform: Applications in the Analysis of Power Engineering Dynamics](#) , 10/23/2009, 112, EECH ([ppt presentation](#))

[An Analysis of the Impact of Plug-In Hybrid Electric Vehicles on Power System Stability](#) , 10/19/2009, 112 EECH

[New Challenges in High Penetration Renewable Energy Sources](#) , 10/12/2009, 112 EECH ([ppt presentation](#))

[Direct-Drive Rotary Generator Design by Genetic Algorithm for Ocean Wave Energy Application](#), 10/05/2009, EECH Finley Conf. Room

[Electric Power Rolling Blackouts in South Africa: Lesson Learnt and the Way Forward](#) , 09/28/2009, 315 Butler-Carlton Hall

[Cost-Effective Hundred-Year Life for Single-Phase Inverters and Rectifiers in Solar and LED Lighting Applications through Port-Based Ripple Management](#) , 09/14/2009, EECH Finley Conf. Room

Spring 2009

[Evolutionary Design of PMSM Machines](#)

[Voltage Source Converters for FACTS Applications and 200 MVA Convertible Static Compensator](#)

[Electricity Supply Contract Auctions: Key Issues and Experiences](#) ([presentation](#))

[A New Improved Projected Cross Point Control](#)

[Windings for Permanent Magnet Machines](#)

[Advanced Power Converter Design for DFIG-Based Wind Turbines to Improve Ride-Through During System Imbalances](#)

[Industry Trends in Motor Drives](#)

[Switched-Capacitor Converters: Big and Small](#)

[Oil, Alternative Energy, and Electricity: Where do we go from here?](#)

[Power Sharing in a Double-Input Buckboost Converter Using Offset Time Control](#)

[FREEDM Webinar Series](#)