

Paper Session XIV Friday, March 11th, 2016 10:10 am-11:10 am Seminar Room I
DC Systems

Chair: Dr. *Innocent Davidson (University of KwaZulu-Natal, South Africa)*

Co-chair: Dr. *Keith Corzine (Clemson University, USA)*

10:10-10:30: Model of a Hybrid Distributed Generation System for a DC Nano-Grid
Ester Hamatwi, John Agee, Innocent Davidson (University of KwaZulu-Natal, South Africa), G. Kumar Venayagamoorthy, (Clemson University, USA)

10:30-10:50: Low-Voltage DC Testbed Design for a Z-Source Breaker Based Protection Scheme
Atif Maqsood, Lu Li, Keith Corzine (Clemson University, USA)

10:50-11:10: Analysis on Central and Distributed Architectures of Solar PV DC Microgrids
Mashood Nasir, Nauman Ahmad Zaffar, Hassan Abbas Khan (Lahore University of Management Sciences, Pakistan)