

Paper Session W M I: Emerging Topics in Power System

When: 10:20 am – 12:00 pm Wednesday, March 11th, 2020

Where: Bellsouth Auditorium

Chair: Dr. Inno Davidson, Durban University of Technology, South Africa

Co-Chair: Dr. Kumar Venayagamoorthy, Clemson University, USA

10:20 am – 10.45 am: Mesogrids for Regional Power Delivery and Reliability

Roger Faulkner, Richard Wenzel, Clay Taylor

(Rethink Technologies Inc, USA, Ardent Edge, USA)

10:45 am – 11.10 am: A Review of Long-Distance UHVDC Technology - A future Energy

Disrupter

Inno Davidson (Durban University of Technology, South Africa)

11:10 am – 11.35 am: A Graph Theory-Based Clustering Method for Power System

Networks

Iroshani Jayawardene, Pramod Herath, Kumar Venayagamoorthy

(Clemson University, USA)

11:35 am – 12:00 pm: Accelerating Artificial Intelligence on the Grid

Sean Murphy, Kevin Jones, Theo Laughner, Mohini Bariya, Alexandra von Meier, (Ping Things, Inc, USA, Dominion Energy, USA, PowerGrid-RX, Inc, USA, University of California at Berkeley, USA)