

Paper Session T M I: Power System Transmission

When: 10.20 am – 12.00 pm, Thursday, March 12th, 2020

Where: Bellsouth Auditorium

Chair: Dr. Yuan Liao, University of Kentucky, USA

Co-Chair: Dr. Yawei Wei, China EPRI, China

10:20 am – 10.45 am: LVQ Neural Network for Online Identification of Power System Network Branch Events

Dulip Madurasinghe, Kumar Venayagamoorthy

(Clemson University, Clemson, SC, USA)

10:45 am – 11.10 am: Electric Transmission Fault Location Techniques Using Traveling Wave Method and Discrete Wavelet Transform

Wesley Fluty, Yuan Liao

(University of Kentucky, Lexington, USA)

11:10 am – 11.35 am: Electric Transmission System Fault Identification Using Modular Artificial Neural Networks for Single Transmission Lines

Christopher Asbery, Yuan Liao

(University of Kentucky, Lexington, USA)

11:35 am – 12:00 pm: AGC Asynchronous Tuning for Improving PV Consumption in the Energy Imbalance Market

Yawei Wei, Ying Lv, Zhihong Yu, Jinxiu Hou, Kumar Venayagamoorthy

(China Electric Power Research Institute, Haidian District, Beijing, China, Clemson University, Clemson, SC, USA)