Paper Session T – A II: Power System Markets and Economics: Thursday, September 6th, 2018

When: 3:00 pm-5:40 pm
Where: Ballroom C1
Chair: Art Holland, Siemens Power Technologies International, USA
Co-Chair: Zita Vale, Polytechnic Institute of Porto, Portugal

[1] 3.00 pm – 3.20 pm: Maximizing the Revenue of Energy Storage Participants in Day-Ahead and Real-Time Markets
Sadegh Vejdan, Santiago Grijalva (Georgia Institute of Technology, USA)

[2] 3.20 pm – 3.40 pm: Economic Planning for Remote Community Microgrid Containing Solar PV, Biomass Gasifier and Microhydro
Muhammad Younas, Rizwan Kamal, Muhammad Shoaib Khalid, Affaq Qamar (University of Engineering and Technology Peshawar, Pakistan)

[3] 3.40 pm – 4.00 pm: Economic and Hierarchical Control Multi-Thermal Load for Bidding Ancillary Service
Yixiang Gao, Shuhui Li, Bo Lin (University Alabama, USA)

[4] 4.00 pm – 4.20 pm: The North American Energy Revolution: Retooling Power Market Analysis in a Tsunami of Change
Art Holland (Siemens Power Technologies International, USA)

[5] 4.20 pm – 4.40 pm: Design of a Revenue Meter for a Short-Term Transactions in a Distribution Market
Juan Carlos Bedoya, Virgillo Centeno (Virginia Polytechnic Institute and State University, USA)

[6] 4.40 pm – 5.00 pm: A Survey on the Effects of False Data Injection Attack on Energy Market
Md Ashfaqur Rahman and G. Kumar Venayagamoorthy (Clemson University, USA)

[7] 5.00 pm – 5.20 pm: A Multiagent Simulation Approach to Transactive Energy Market Strategies
Dan A. Rosa de Jesus, Wilson Rivera (University of Puerto Rico, Puerto Rico)

[8] 5.20 pm – 5.40 pm: Dynamic Electricity Tariff Definition based on Market Price, Consumption and Renewable Generation Patterns
Catarina Ribeiro, Tiago Pinto, Pedro Faria, Sergio Ramos, Zita Vale, Jose Baptista, Joao Soares, Maria Navarro-Caceres, Juan Manuel Corchado (Polytechnic Institute of Porto, Portugal, University of Salamanca, Spain, Osaka Institute of Technology, Japan)