

Paper Session III Wednesday, March 9th, 2016 1:20 pm-3:20 pm Bellsouth Auditorium
Data Analytics

Chair: Roy Moxley (Siemens, USA)
Co-chair: Oscar Garcia (Nebusens, S.L, Spain)

1:20-1:40: Electrical Power Consumption Monitoring in hotels using the n-Core Platform
Oscar Garcia, Ricardo S. Alonso, Dante I. Tapia (Nebusens, S.L, Spain), Juan M. Corchado (University of Salamanca, Spain)

1:40- 2:00: Publishing Real-time Microgrid Consumption Data on the Web of Linked Data
Luis Gomes (Polytechnic of Porto, Portugal), Maxime Lefrancois (Ecole Nationale Supérieure des Mines, France), Pedro Faria, Zita Vale (Polytechnic of Porto, Portugal)

2:00-2:20: Clustering Analytics for Streaming Smart Grid Data Sets
Justin Pagel, Mitch Campion, Arun Sukumaran Nair, Prakash Ranganathan (University of North Dakota, USA)

2:20-2:40: Flexible Data Acquisition, Compression, and Reconstruction in Advanced Metering Infrastructure
Zhen Hu (University of Tennessee, Chattanooga, USA), Salman Mohagheghi (Colorado School of Mines, USA), Mina Sartipi (University of Tennessee, Chattanooga, USA)

2:40-3:00: Assessment of Harmonic Penetration with Embedded PV in Nigerian Power System
A.L. Amoo, U.O. Aliyu, G.A. Bakare (Abubakar Tafawa Balewa University, Nigeria), M.S. Dalila (Universiti Teknologi, Malaysia)

3:00-3:20: Operational Experience with Synchrophasors at a National Transmission Operations Center
Stefan Steger (TenneT TSO, Germany), Markus Wache (Siemens, Germany), Roy Moxley (Siemens, USA)