When: 10:30 am-12:30 pm  
Where: Ballroom C2  
Chair: Tom Fenimore, Duke Energy, USA  
Co-Chair: Roy McCann, University of Arkansas, USA

[1] 10.30 am – 10.50 am: Microgrid for Residential and Office Building with Battery Storage and Central Hot-Water Tank  
Ibrahim Mohamed, Ahmad Abdalla (Omar Al Mukhtar University, Libya)

Tom Fenimore, Andy Gould, Larry Wright (Duke Energy, Schweitzer Engineering Laboratories, USA)

[3] 11.10 am – 11.30 am: Graph Theory and Critical Load-Based Distribution System Restoration using Optimal Microgrids Formation  
Anand Kumar, Santiago Grijalva (Georgia Institute of Technology, USA)

[4] 11.30 am – 11.50 am: Fractional Order PI Control for a Three-Phase Microgrid Application  
Rasheed Abdulkader, Roy McCann (University of Arkansas, USA)

[5] 11.50 am – 12.10 pm: Design Optimization and Reliability Enhancement of Community based Islanded Microgrid through Frequency Stability  
Azmat Rashid Khan, Khurram Shahzad, Muhammad Shoaib Khalid, Affaq Qamar (University of Engineering and Technology, Pakistan)

[6] 12.10 pm – 12.30 pm: Artificial Neural Network Control of a Standalone DC Microgrid  
Weizhen Dong, Shuhui Li, Xingang Fu (University of Alabama, Texas A&M University, USA)