On-Site Information

Parking: If you drove and parked in the Georgia Tech Hotel parking deck, see Dana Foster at the Registration Table to get your parking validated or to get a courtesy parking voucher.

Internet: In order to connect to the Internet:
1. Choose **GT Visitor** as your wireless connection
2. Open browser to connect.
Note: Wireless hotspots (from AT&T, T-Mobile, Verizon, etc.) should NOT be operated in The Global Learning Center. These hotspots act as access points and cause interference with the GT Visitor wireless access points.
Support: gtvisitor@wanderingwifi.com OR 404-478-7310

Workshop Program

June 4: Tutorials

1:00	Tutorials
1:00	**Welcome and Setup** *Santiago Grijalva, Georgia Tech*
1:10	**Introduction to Data Science** *Zoran Obradovic, Temple University*
2:00	**Visual Data Analytics** *Polo Chau, Georgia Institute of Technology*
2:30	Short Break
2:40	**Critical Infrastructure Data Analytics** *Aditya Prakash, Virginia Tech*
3:20	**Smart Grid Data Analytics Applications** *Mladen Kezunovic, Texas A&M University*
4:00	Short Break
4:10	**DER Integration Analytics** *Santiago Grijalva, Georgia Tech*
5:00	**Networking Social** (hors d'oeuvres and beverages provided)
6:30	Adjourn

June 5: Main Session

7:30	Breakfast and Networking
8:20	**Welcome** Mary Ann Weitnauer, *Senior Associate Chair, ECE, Georgia Tech*
8:35	**Meeting Objectives** Santiago Grijalva, *Professor, Georgia Tech*
8:50	**Keynote 1**: "Smart Grid Edge Analytics" David Pope, *Director Utilities, SAS*
9:10	**Keynote 2**: "Using Grid Edge Information to Thrill Customers and Drive Asset Performance" Valentine Emesih, *Vice President of Operational Technology and Markets, CenterPoint Energy*
9:30	Short Break
9:40	**Session 1: Distribution Grid Analytics** Session Chair: Zoran Obradovic, *Temple University*
9:40	"Applications of Advanced Analytics" Ajay Madwesh, *Advanced Analytics, Deloitte*
9:55	"Exelon Utilities Grid Analytics" Ratanak Heng, *Manager, Grid Analytics, Exelon Utilities*
10:10	"Clustering Applications: Customer Usage Archetypes" Brian Smith, *Data Scientist, EPB*
10:25	Session 1 Group Q&A
10:50	Break
11:10	**Session 2: Smart Meter & Customer Analytics** Session Chair, Mladen Kezunovic, *Texas A&M University*
11:10	"Analytics Use Cases using Smart Meter Data" Soorya Kuloor, *President & CEO, Symbiant Analytics*
11:25	"Data Cleaning in Smart Grid Applications" Tao Hong, *Professor, UNC Charlotte*
11:40	"Global Best Practices in Interval Load Data Analytics" Claude Godin, *Director, Analytics, DNV GL*
11:55	Session 2 Group Q&A
12:20	**Networking Lunch**

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1:30	**Special Invited Talk:** "The South Big Data Innovation Hub: Promoting, Bridging, and Building Cross-sector Data-enabled Communities" Renata Rawlings-Goss, *Executive Director, South Big Data Innovation Hub*
1:50	**Session 3: Distributed Energy Resources** Session Chair: Daniel Molzahn, *Georgia Institute of Technology*
1:50	"Distributed Energy Resource and Infrastructure Assessment Using Overhead Imagery" Kyle Bradbury, *Director, Energy Analytics Lab, Duke University*
2:05	"Towards High-Fidelity DER Integration" Matt Lave, *Senior Researcher, Sandia National Laboratory*
2:20	"Methods for Behind-The-Meter Solar Estimation" Yingchen Zhang, *Group Manager Sensing and Predictive Analytics, NREL*
2:35	Session 3 Group Q&A
3:00	Break
3:15	**Session 4: Beyond the Grid** Session Chair, Santiago Grijalva, *Georgia Institute of Technology*
3:15	"Harnessing Data Relationships with a Digital Twin" Chris McClurg, *Director of Product, Building IQ*
3:30	"Domain-Aware Analytics" Robert Rallo, *Group Manager, Data Sciences, PNNL*
3:45	Session 4 Group Q&A
4:10	**Summary and Wrap Up** Mladen Kezunovic, *Professor, Texas A&M University*
4:30	Networking
5:00	Adjourn