



NIST

Measurement Challenges & Opportunities for Developing Smart Grid Testbeds Workshop

March 13-14, 2014 • NIST Campus • Gaithersburg, MD

PRELIMINARY WORKSHOP AGENDA

Thursday, March 13, 2014

Start	Activity
7:30 am	Registration and Refreshments
8:30 am	WELCOME AND OPENING REMARKS Chris Greer , Director, Smart Grid and Cyber-Physical Systems Program Office, and National Coordinator, Smart Grid Interoperability, NIST
8:40 am	PLENARY PRESENTATIONS <ul style="list-style-type: none"> ■ Important Smart Grid (SG) Measurement/Characterization Problems not Currently Addressed by Testbeds (TBs) Mark Siira, Director, Business Development and Technology Strategy, ComRent International ■ Attributes and Design of Composable and Modular SG TBs Osama Mohammed, Professor and Director of the Energy Systems Research Laboratory, Florida International University ■ Design and Considerations for Highly Interconnected SG TBs Rajit Gadh, Professor and Founding Director of the UCLA Smart Grid Energy Research Center
9:55 am	Break
10:10 am	MODERATED PANEL: Importance of Testbeds to the Smart Grid (<i>Microgrids, distributed storage, integration of renewables, EV charging and use for storage, real-time grid status evaluation, grid modeling, cyber-security, reliability/resiliency, load/power flow management</i>) Moderator: Geoff Mulligan, Presidential Innovation Fellow, NIST Panelists: Marija Ilic , Professor of Electrical & Computer Engineering and Engineering & Public Policy, Carnegie Mellon University Others TBA
11:15 am	CHARGE TO BREAKOUTS
11:20 am	Transition to Breakouts
11:30 am	PARALLEL BREAKOUT SESSIONS I <ul style="list-style-type: none"> ■ <u>Group A.</u> Important SG Measurement/Characterization Problems not Currently Addressed by TBs ■ <u>Group B.</u> Attributes and Design of Composable/Modular SG TBs ■ <u>Group C.</u> Design/Considerations for Interconnected SG TBs
12:30 pm	Lunch (NIST Cafeteria, on your own)
1:30 pm	PARALLEL BREAKOUT SESSIONS II
3:00 pm	Break
3:15 pm	PARALLEL BREAKOUT SESSIONS II (continued)
4:15 pm	Transition to Plenary
4:20 pm	DAY 1 WRAP-UP Dave Wollman , Deputy Director, Smart Grid and Cyber-Physical Systems Program Office, NIST
4:30 pm	Adjourn Day 1

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Friday, March 14, 2014

Start	Activity
7:30 am	Refreshments and Networking
8:30 am	WELCOME BACK
8:35 am	DAY 1 BREAKOUT GROUP REPORTS
8:55 am	KEYNOTE PRESENTATION <ul style="list-style-type: none">■ The Smart America Challenge: Progress on Interconnected Testbeds Sokwoo Rhee, Presidential Innovation Fellow, NIST
9:25 am	CHARGE TO BREAKOUTS
9:30 am	Transition to Breakouts
9:40 am	PARALLEL BREAKOUT SESSIONS III
11:10 am	Early Lunch Break (NIST Cafeteria, on your own)
12:10 pm	PARALLEL BREAKOUT SESSIONS III (continued)
1:10 pm	Transition to Plenary
1:20 pm	BREAKOUT GROUP ACTION PLAN SUMMARY REPORTS
1:50 pm	CLOSING COMMENTS AND NEXT STEPS Dave Wollman , NIST
2:00 pm	Adjourn Workshop