

RITT Task Team Report-Out

February 2013

NASPI WG – Huntington Beach, CA

Matthew Gardner, Dominion Virginia Power

Joe Chow, RPI

Task Team Discussion

RITT Presentations:

Aranya Chakraborty – “Wide-Area Monitoring and Control Using Real Time Digital Simulators”

- RTDS-PMU Testbed
- Cyber-physical PMU network

Joe Chow – CERTS project: A hybrid approach to voltage stability analysis

- PV Curves and loadability limits

Task Team Discussion (cont'd)

- eDataHarmony
 - Team Established to investigate
 - Dino Lelic – dlelic@quanta-technology.com
 - Prosper Panumpabi – panumpa1@illinois.edu
 - Jing Liu – liuj@pjm.com
 - Jeff Dagle – jeff.dagle@pnnl.gov
 - Santoosh Veda – veda@ge.com

e Data Harmony



CURENT NSF/DOE

Engineering Research Center

Annual Industry Meeting: April 16

NSF Site Visit Review: April 17

Knoxville, TN

Register at curent.utk.edu

Contact: Tom King

University of Tennessee

865-403-2110



IEEE Power and Energy Society Tutorial

Offered during the IEEE PES General Meeting in Vancouver, BC

“Synchrophasor Fundamentals and Applications: Leveraging the Investment”

Sponsored by: Dynamic Measurements Working Group “DMWG”
Power Systems Dynamic Performance Committee

Tutorial Date: Tuesday, July 23, 2013 (All Day)

The purpose of this tutorial is to address the **fundamentals** of synchrophasor technology and synchrophasor-enabled applications at a ***practical level***. The tutorial will be delivered by hands-on practitioners of the technology along with those in the research community.

Session Title:	Presenters:
Synchrophasor Fundamentals: From Computation to Implementation	Mario Paolone David Laverty
PMU Installation and Testing	Ken Martin
Designing IT and Communications for PMU Applications	Dan Brancaccio
Developing and Deploying Synchrophasor Applications: From the lab to the field	Luigi Vanfretti Austin White
IT Frameworks for Using and Managing Synchrophasor Data	Fred L. Elmendorf Scott Staples
Synchrophasor-Only State Estimation	Joe H. Chow & Scott Ghiocel James S. Thorp & Kevin Jones
Wide-Area Control	Innocent Kamwa Kjetil Uhlen

Price: Early Bird \$295, Regular \$395. Student Early Bird \$100, Student Regular \$150

For more information see: <http://pes-gm.org/2013/>, click on the ‘Tutorials’ tab across the top of the page.

Celebrating the Visions of Synchrophasor Pioneers:

A Technical Symposium in Honor of the Life and Careers of

Arun Phadke and Jim Thorp

What: A retirement technical symposium

Why: To honor the career work of synchrophasor pioneers/fathers

When: Thursday, **May 9th**, 9am-4:30pm (reception evening before)

Where: Dominion Offices, 3072 Centreville Rd., Herndon, VA (near Dulles, IAD)

Suggested Lodging: Crowne Plaza, 2200 Centreville Rd., Herndon, VA

Cost: No cost

Contact: Matthew Gardner

matthew.gardner@dom.com

Limited seating availability.



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SYS310 : Modern Synchrophasor Visualization, Control, and Analysis

Tampa FL, Aug 27-28 2013

www.selinc.com/SELUniversity/Courses/SYS/310/

Day 1

**Synchrophasor Overview
Time Synchronization
Phasor Measurement Unit Configuration
Phasor Data Concentration**

Day 2

**SEL-3378 and IEC 61131-3 Programming
SEL-5078 and System Visualization**



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