



# Welcome and Introductions

## Instrumentation, Controls and Automation Interest Group Meeting



**Neva Fox**  
EPRI

**Susan Maley**  
US DOE NETL

June 6 – 7  
Austin, TX

# Welcome

- EPRI and DOE Collaboration
- Welcome Packets
  
- Goals for this meeting
  - Share with the industry an overview of EPRI and DOE research activities
  - Exchange ideas amongst knowledgeable power industry personnel
  - Identify potential future topics that can be developed in years to come.

# Introductions

Name

Organization

What you hope to get out of this meeting



# Agenda – Day 1

## June 6 – San Antonio Room

1:00 – 1:15	Welcome & Introductions	Neva Fox, <i>EPRI</i> Susan Maley, <i>DOE NETL</i>
1:15 – 1:45	DOE FE NETL - S&C Overview	Regis Conrad, <i>DOE Fossil Energy</i> Robert Romanosky, <i>DOE NETL</i>
1:45 – 2:00	EPRI I&C Program Overview	Neva Fox, <i>EPRI</i>
2:00 – 2:45	Roundtable	All
2:45 – 3:00	BREAK	
3:00 – 3:20	Overview Fiber Optic Sensing for Energy Applications	Anbo Wang , <i>Virginia Tech</i>
3:20 – 3:40	Tunable Diode Laser Sensors for Monitoring Combustion and Gasification Systems	Jay Jeffries, <i>Stanford University</i>
3:40 - 4:00	Novel Sensors and Control for Advanced Energy Systems	Mark Bryden, <i>Ames National Laboratory</i>
4:00 – 5:00	Facilitated Discussion and Closeout	All

**Don't forget to take your stuff with you at the end of the day**



# Agenda – Day 2

## June 7 – Trinity B

8:00 – 8:10	Welcome	Neva Fox, <i>EPRI</i> Susan Maley, <i>DOE NETL</i>
8:10 – 8:30	Sensor and Control Techno-Economic Analysis for Existing Generating Units	Katrina Krulla, <i>DOE NETL</i>
8:30 – 8:50	Model Based Control for Power Systems	Aditya Kumar, <i>GE</i>
8:50 – 9:10	Model Based Control for Chemical Looping	Xinsheng Lou, <i>Alstom</i>
9:10 - 10:00	Facilitated Discussion	All
10:00 – 10:10	BREAK	
10:10 – 10:30	Cyber Security Solution – Demonstration of Integrity Software	Bill May, <i>PAS</i>
10:30 – 10:50	Wireless for Industrial Applications	<i>Oak Ridge National Laboratory</i>
10:50 – 11:40	Facilitated Discussion	All
11:40 – 12:00	Action Item and Closeout	All



# Together...Shaping the Future of Electricity