

# Panel 4: Future Efforts

Chair: Igor Alvarado, National Instruments Corp.

Co-Chair: Karen Butler-Purry, Texas A&M University

## Panelists:

Philip L. Top, Lawrence Livermore National Laboratory

Tom Overbye, Texas A&M University

Jane Greenberg, Drexel University

Auroop Ganguly, Northeastern University

Using Smart Grids Big Data

Memorial Student Center,

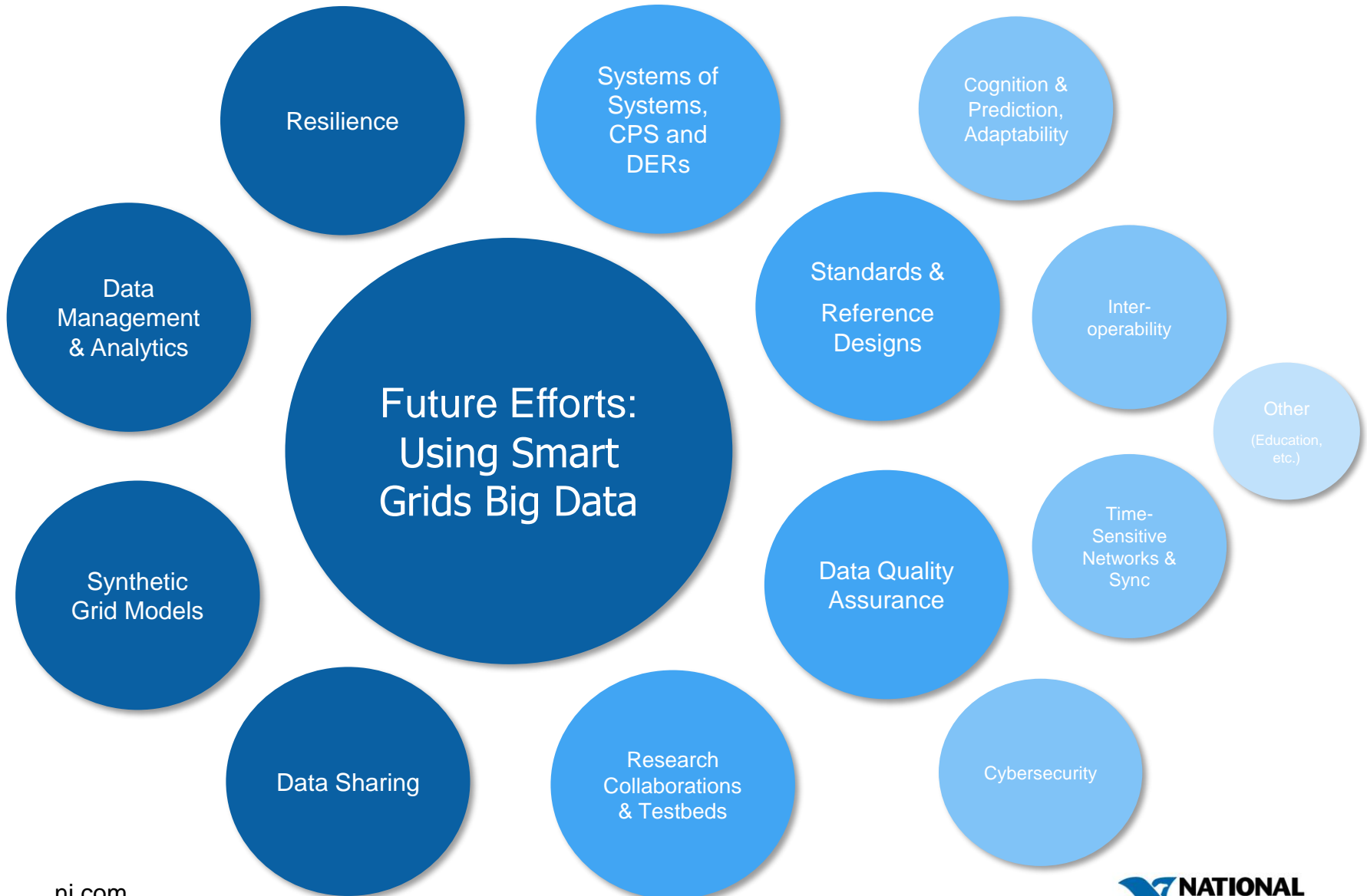
Texas A&M University

April 18, 2017

# Agenda

- Introduction (3 mins)
  - Igor Alvarado, National Instruments Corp.
  - Karen Butler-Purry, Texas A&M University
- Panelists' Presentations (5 min. each; 20 min. total):
  - **Philip L. Top, Lawrence Livermore National Laboratory:**
    - *"Grid Modernization: A DOE Roadmap for Data Management and Analytics"*
  - **Tom Overbye, Texas A&M University:**
    - *"Synthetic Grid Models: What are They, How They are Made, and Why They Matter"*
  - **Jane Greenberg, Drexel University:**
    - *"A Licensing Model and Ecosystem for Data Sharing"*
  - **Auroop Ganguly, Northeastern University:**
    - *"Resilience and the Smart Grid with Big Data"*
- Q&A (25 min)
- Conclusions (2 min.)

# Introduction (3 mins.)

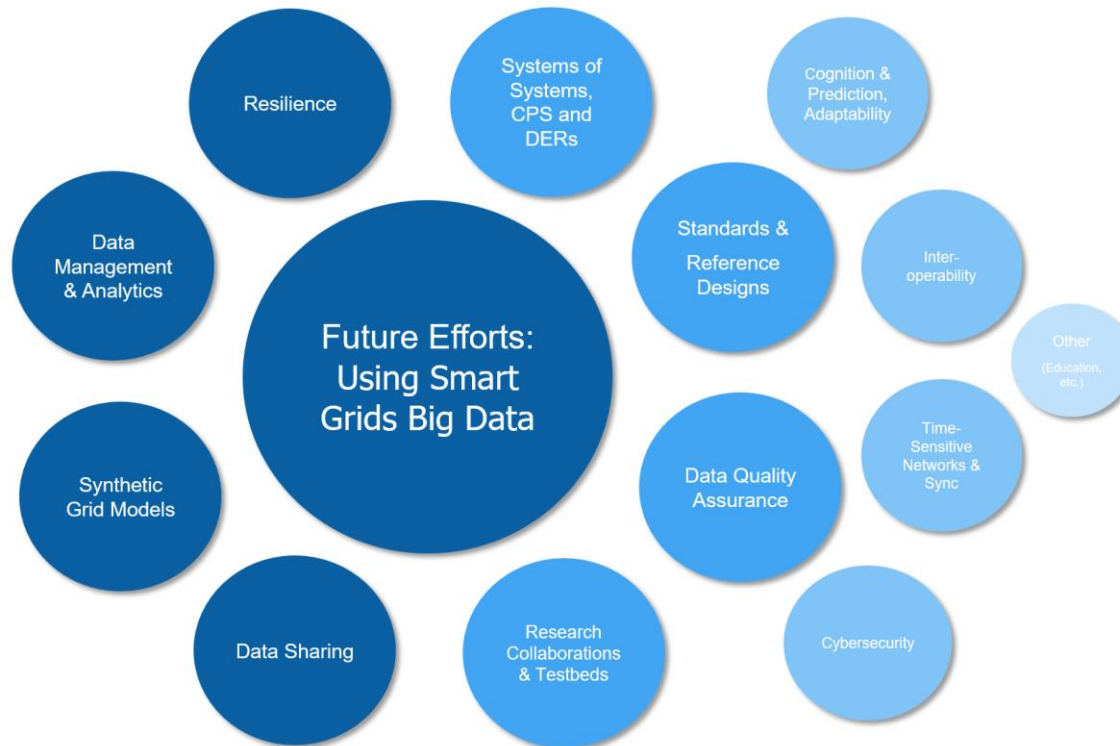


# Presentations (20 mins.)

- **Philip L. Top, Lawrence Livermore National Laboratory:**
  - *“Grid Modernization: A DOE Roadmap for Data Management and Analytics”*
- **Tom Overbye, Texas A&M University:**
  - *“Synthetic Grid Models: What are They, How They are Made, and Why They Matter”*
- **Jane Greenberg, Drexel University:**
  - *“A Licensing Model and Ecosystem for Data Sharing”*
- **Auroop Ganguly, Northeastern University:**
  - *“Resilience and the Smart Grid with Big Data”*

# Q&A (25 mins)

- *Data Management and Analytics*
- *Synthetic Grid Models*
- *Licensing Model and Ecosystems for Data Sharing*
- *Resilience and the Smart Grid with Big Data*
- *Other?*



# Conclusions/Summary (2 mins.)