

## MONDAY, NOVEMBER 4

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- 1:30 – 5:00      Infrastructure Special Session: Electromagnetic Pulse  
*Location: Villa*
- 1:30 – 5:00      Communications Industry Special Session: Emergency Communications  
*Location: Zapata*
- 5:00 – 7:00      Registration and Sponsored Reception  
*Location: Navarro Prefunction*

## TUESDAY, NOVEMBER 5

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- 7:00 – 7:50      Registration and Breakfast  
*Location: Navarro Prefunction*
- 7:50 – 8:20      Resilience Week Welcome  
*Location: Navarro Ballroom*
- 8:20 – 9:30      Plenary Speaker  
*Location: Navarro Ballroom*
- 9:30 – 10:30     TRACK 1: DOE Special Session Panel: Advanced Sensors and Data Analytics for Enhanced Electric Grid Resilience  
*Location: Villa*
- TRACK 2: CYBER: Workforce Development Panel: Recent Graduates  
*Location: Camino Real*
- TRACK 3: INFRASTRUCTURE: Intuitive Analytics in Complex Decision Making Environments  
*Location: Zapata*
- 10:30 – 11:00    BREAK
- 11:00 – 12:00    TRACK 1: DOE Special Session Panel: North American Electric Resiliency Model  
*Location: Villa*
- TRACK 2: CYBER: Workforce Development Panel: Career Forward Panelists  
*Location: Camino Real*
- TRACK 3: INFRASTRUCTURE: Intuitive Analytics in Complex Decision Making Environments  
*Location: Zapata*
- 12:00 – 1:30     Hosted Lunch with Plenary Speaker  
*Location: Navarro Ballroom*
- 1:30 – 2:30      TRACK 1: DOE Special Session Panel: Institutional Decision-Making for Resilience  
*Location: Villa*
- TRACK 2: CYBER: Workforce Development  
*Location: Camino Real*
- TRACK 3: INFRASTRUCTURE: Lightning Talks  
*Location: Zapata*

- 2:30 – 3:30     TRACK 1: DOE Special Session Panel: Microgrids for Enhanced Resilience  
*Location: Villa*
- TRACK 2: CYBER: Workforce Development  
*Location: Camino Real*
- TRACK 3: INFRASTRUCTURE: Student Competition: Lightning Talks  
*Location: Zapata*
- 3:30 – 6:30     Reception with Multiple Parallel Activities  
*Location: Navarro Prefunction / Ballroom*
- Poster Presentations
  - Exhibitor Area and Job Fair
  - Gaming Competition

## **WEDNESDAY, NOVEMBER 6**

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- 7:30 – 8:15     Registration and Breakfast  
*Location: Navarro Prefunction*
- 8:15 – 8:20     Student Competition Winners  
*Location: Navarro Ballroom*
- 8:20 – 9:30     Plenary Speaker  
*Location: Navarro Ballroom*
- 9:30 – 10:30    TRACK 1: Resilient Energy Infrastructure Keynote Speaker  
*Location: Navarro Ballroom*
- TRACK 2: INFRASTRUCTURE: RRAP Anniversary  
*Location: Zapata*
- 10:30 – 11:00    BREAK
- 11:00 – 12:00    TRACK 1: CONTROL: Research & Development  
*Location: Villa*
- TRACK 2: CYBER: Research & Development  
*Location: Camino Real*
- TRACK 3: INDUSTRY Panel: Leveraging Partnerships Across the Energy Sector  
*Location: Sabino*
- TRACK 4: INFRASTRUCTURE: RRAP Anniversary  
*Location: Zapata*
- 12:00 – 1:30    Hosted Lunch with Plenary Speaker  
*Location: Navarro Ballroom*
- 1:30 – 2:30     TRACK 1: CONTROL: Research & Development  
*Location: Villa*
- TRACK 2: CYBER: Research & Development  
*Location: Camino Real*
- TRACK 3: COMMUNITY Special Session: CPS Energy and Resilience Planning  
*Location: Sabino*

TRACK 4: INDUSTRY INFRASTRUCTURE Panel: Threat Information Sharing

*Location: Zapata*

2:30 – 3:30

TRACK 1: CONTROL: Research & Development

*Location: Villa*

TRACK 2: CYBER: Research & Development

*Location: Camino Real*

TRACK 3: CONTROL Special Session: Renewable Energy Integration as the Catalyst for Distributed Grid Resilience

*Location: Sabino*

TRACK 4: INDUSTRY INFRASTRUCTURE Panel: Mutual Assistance Programs for Cyber and Physical Resilience

*Location: Zapata*

3:30 – 4:00

BREAK

4:00 – 5:30

TRACK 1: Cognitive: Research & Development

*Location: Villa*

TRACK 2: COMMUNICATIONS Special Session: Wireless Security Including 5G and Beyond

*Location: Camino Real*

TRACK 3: CONTROL Special Session: Renewable Energy Integration as the Catalyst for Distributed Grid Resilience

*Location: Sabino*

TRACK 4: INFRASTRUCTURE INDUSTRY: Owner Operator Panel

*Location: Zapata*

## **THURSDAY, NOVEMBER 7**

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7:30 – 8:25

Registration and Breakfast

*Location: Navarro Prefunction*

8:25 – 9:30

Plenary Panel

*Location: Navarro Ballroom*

9:30 – 10:30

TRACK 1: COGNITIVE Special Session: The Three R's of Post-Event Resilience- Robustness, Recovery, Restoration

*Location: Villa*

TRACK 2: CYBER Special Session: Firmware Code Analysis

*Location: Camino Real*

TRACK 3: INFRASTRUCTURE: Lightning Talks

*Location: Zapata*

10:30 – 11:00

BREAK

11:00 – 12:00

TRACK 1: COMMUNITY Special Session: Using Detailed Simulation Tools to Support Scenario-Based Analysis

*Location: Villa*

TRACK 2: CONTROL Special Session: Cyber Physical Resilience in Smart Grids

*Location: Camino Real*

TRACK 3: INFRASTRUCTURE: Lightning Talks

*Location: Zapata*

12:00 – 1:30 Hosted Lunch with Plenary Speaker

*Location: Navarro Ballroom*

1:30 – 3:00 TRACK 1: COMMUNITY: Resilience Analysis methods, role of technology, and institutional factors

*Location: Villa*

TRACK 2: CONTROL Special Session: Cyber Physical Resilience in Smart Grids

*Location: Camino Real*

3:00 – 3:30 BREAK

3:30 – 5:30 TRACK 1: COMMUNITY: Resilient Power Systems Operations Simulation

*Location: Villa*

TRACK 2: CYBER Special Session: Agile cybersecurity response capabilities for control systems

*Location: Camino Real*

## **FRIDAY, NOVEMBER 8 – OPTIONAL TOURS**

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*\*\*Individuals are responsible for their own transportation\*\**

9:00 – 12:00 TOUR OPTION 1: Southwest Research Institute

- Join Tour at 6220 Culebra Road, San Antonio, TX 78238-5166
- Tour Contact: Victor Murray
- Click [HERE](#) for more details