



Grid of the Future™



Raleigh, NC

2024

November 11-14



QUANTA
TECHNOLOGY

MONDAY, NOVEMBER 11
TECHNICAL PROGRAM OPENS AT 7:45AM

Rows highlighted in green indicate events taking place at the Sheraton Hotel, the secondary conference location

Time	Event	Speakers	Location
7:00AM - 5:00PM	CIGRE - Registration		Raleigh Convention Center North Main Lobby
1:00 - 4:30PM	Next Generation Network (NGN) Workshop Bright Spots and Blind Spots: Exploring the Potentials of Emerging Technologies	Dr. Poorvi Patel - <i>EPRI</i> Dr. Cynthia Selin - <i>Scenaric</i>	Raleigh Convention Center Room 305
4:30 - 5:15PM	◦ CIGRE NGN Mentorship Program		<i>Invitation Only</i>
6:30 - 7:30PM	Empowering Girls in STEM	CIGRE Women in Energy (WIE)	<i>Invitation Only</i>
5:30 - 7:30PM	Welcome Reception Sponsored by Siemens Energy		Raleigh Convention Center North Hallway

TUESDAY, NOVEMBER 12

TECHNICAL PROGRAM OPENS AT 7:45AM

Time	Event	Speakers	Location
7:00AM - 5:30PM	CIGRE - Registration <i>*Breakfast is on your own unless you've signed up for the Women in Energy Breakfast event*</i>		Raleigh Convention Center North Main Lobby
6:45 - 7:35AM	Women in Energy (WiE) Breakfast Sponsored by Mitsubishi Electric Power Products, Inc.	Majida Malki - <i>Quanta Technology</i>	Sheraton Hotel
7:45 - 8:15AM	Welcome Address & Keynote Address	Chris Root - <i>CIGRE USNC</i> Nelson Peeler - <i>Duke Energy</i>	Raleigh Convention Center Ballroom C
8:15 - 9:15AM	CIGRE Panel Session: Changing Electrical System - Aspirations vs. Reality	Moderator: Damir Novosel - <i>Quanta Technology</i> Panelists: Aftab Khan - <i>PJM Interconnection</i> Joe Woomer - <i>Dominion Energy</i> Shay Bahramirad - <i>PG&E</i> Anders Sjoelin - <i>S&C Electric</i>	Raleigh Convention Center Ballroom C
9:15 - 9:30AM	Morning Break		
9:30 - 11:00AM	Paper Session 1A		Raleigh Convention Center Room 305A
9:30 - 11:00AM	Paper Session 1B		Raleigh Convention Center Room 305B

TUESDAY, NOVEMBER 12

TECHNICAL PROGRAM OPENS AT 7:45AM

Time	Event	Speakers	Location
9:30 - 11:00AM	Paper Session 1C		Raleigh Convention Center Room 306A
9:30 - 11:00AM	Paper Session 1D		Raleigh Convention Center Room 306B
9:30 - 11:00AM	Paper Session 1E		Raleigh Convention Center Room 306C
11:00 - 11:15AM	Transitional Break		
11:15AM - 12:30PM	Lunch		Sheraton Hotel
11:15AM - 12:30PM	CIGRE USNC Executive Committee Lunch	Chris Root - <i>CIGRE USNC</i>	Raleigh Convention Center Room 201
12:30 - 12:45PM	Transitional Break		
12:45 - 2:15PM	CIGRE NGN Paper Competition	James Berger - <i>POWER Engineers</i> Logan Rolles - <i>Burns & McDonnell</i>	Raleigh Convention Center Ballroom C
2:15 - 2:30PM	Afternoon Break		

TUESDAY, NOVEMBER 12

TECHNICAL PROGRAM OPENS AT 7:45AM

Time	Event	Speakers	Location
2:30 - 4:00 PM	Paper Session 2A		Raleigh Convention Center Room 305A
2:30 - 4:00PM	Paper Session 2B		Raleigh Convention Center Room 305B
2:30 - 4:00PM	Paper Session 2C		Raleigh Convention Center Room 306A
2:30 - 4:00PM	Paper Session 2D		Raleigh Convention Center Room 306B
2:30 - 4:00PM	Paper Session 2E		Raleigh Convention Center Room 306C
4:00 - 4:15PM	Transitional Break		
4:15 - 5:45PM	Paper Session 3A		Raleigh Convention Center Room 305A
4:15 - 5:45PM	Paper Session 3B		Raleigh Convention Center Room 305B
4:15 - 5:45PM	Paper Session 3C		Raleigh Convention Center Room 306A

TUESDAY, NOVEMBER 12

TECHNICAL PROGRAM OPENS AT 7:45AM

Time	Event	Speakers	Location
4:15 - 5:45PM	Paper Session 3D		Raleigh Convention Center Room 306B
4:15 - 5:45PM	Paper Session 3E		Raleigh Convention Center Room 306C
6:00 - 10:00PM	CIGRE Welcome Reception Sponsored by Quanta Technology		North Carolina Museum of Natural Sciences 11 W Jones St, Raleigh, NC 27601

WEDNESDAY, NOVEMBER 13

TECHNICAL PROGRAM OPENS AT 7:45AM

Time	Event	Speakers	Location
7:00AM - 4:30PM	CIGRE - Registration <i>*Breakfast is on your own unless you've signed up for the NGN Breakfast event*</i>		Raleigh Convention Center North Main Lobby
6:45 - 7:35AM	NGN Breakfast	To Be Announced	Sheraton Hotel
7:45 - 8:15AM	CIGRE General Session & Keynote Address	Chris Root - <i>CIGRE USNC</i> Ed Baine - <i>Dominion Energy</i>	Raleigh Convention Center Ballroom C
8:15 - 8:30AM	NGN Paper Award Winner Announcement	James Berger - <i>POWER Engineers</i>	Raleigh Convention Center Ballroom C
8:30 - 9:30AM	CIGRE Panel Session: End-to-End Grid Resilience for the Energy Transition	Moderator: John McDonald - <i>JDM Associates, LLC.</i> Panelists: Dr. Mikael Dahlgren - <i>Hitachi Energy</i> Thomas Schmidt - <i>Ampacimon</i> Jeff Scheb - <i>Landis + Gyr</i>	Raleigh Convention Center Ballroom C
9:30 - 9:45AM	Morning Break		
9:45 - 11:15AM	Paper Session 4A		Raleigh Convention Center Room 305A
9:45 - 11:15AM	Paper Session 4B		Raleigh Convention Center Room 305B

WEDNESDAY, NOVEMBER 13

TECHNICAL PROGRAM OPENS AT 7:45AM

Time	Event	Speakers	Location
9:45 - 11:15AM	Paper Session 4C		Raleigh Convention Center Room 306A
9:45 - 11:15AM	Paper Session 4D		Raleigh Convention Center Room 306B
9:45 - 11:15AM	Paper Session 4E		Raleigh Convention Center Room 306C
11:15 - 11:30AM	Transitional Break		
11:30AM - 12:45PM	Lunch Technical Activities Overview	John McDonald - <i>JDM Associates, LLC.</i> Philippe Adam - <i>CIGRE</i>	Sheraton Hotel
12:45 - 1:00PM	Transitional Break		
1:00 - 2:00PM	CIGRE Panel Session: To Be Announced		Raleigh Convention Center Ballroom C
2:00 - 2:15PM	Afternoon Break		
2:15 - 3:45PM	Paper Session 5A		Raleigh Convention Center Room 305A

WEDNESDAY, NOVEMBER 13

TECHNICAL PROGRAM OPENS AT 7:45AM

Time	Event	Speakers	Location
2:15 - 3:45PM	Paper Session 5B		Raleigh Convention Center Room 305B
2:15 - 3:45PM	Paper Session 5C		Raleigh Convention Center Room 306A
2:15 - 3:45PM	Paper Session 5D		Raleigh Convention Center Room 306B
2:15 - 3:45PM	Paper Session 5E		Raleigh Convention Center Room 306C
3:45 - 4:00PM	Transitional Break		
4:00 - 5:00PM	CIGRE Panel Session: Future Outlook of Transmission: Superhighway or Bottleneck	Moderator: Wayne Bishop - <i>Quanta Technology</i> Panelists: Joe Svachula - <i>Exelon</i> Mark Carpenter - <i>ONCOR</i> Sandra Johnson - <i>Xcel Energy</i> Mark Lauby - <i>NERC</i>	Raleigh Convention Center Ballroom C
5:30 - 7:30PM	NGN Dinner Sponsored by Burns & McDonnell and POWER Engineers		<i>Invitation Only</i>

THURSDAY, NOVEMBER 14

TECHNICAL PROGRAM OPENS AT 7:45AM

Time	Event	Details	Location
8:00AM - 12:00PM	Tutorial Addressing Integration Challenges of Voltage Source Converters (VSCs)	Hosted by Mitsubishi Electric Power Products, Inc. Includes a box lunch	Raleigh Convention Center Room 305
8:30 - 11:30AM	Tour Smart Wires Laboratory Tour	Hosted by Smart Wires GoGo Bus Tours Includes a box lunch	Meet in Sheraton Hotel Lobby
10:00AM - 1:00PM	Tour/Tutorial Value of Hardware-in-the-Loop (HIL) Testing	Hosted by Quanta Technology GoGo Bus Tours Includes a box lunch	Meet in Sheraton Hotel Lobby
10:30AM - 12:00PM	Tour North Carolina State University (NCSU) FREEDM Center Tour	Hosted by NCSU GoGo Bus Tours Lunch provided by Hitachi Energy	Meet in Sheraton Hotel Lobby
2:00PM	Adjourn		