

FRIDAY, APRIL 19, 2024

7:30 AM	Breakfast and Registration	ECEB 3002
8:45 AM	Welcome - TBA & PECI Co-Chair	3002
8:50 AM	Coordinated Trajectory Control of Sources & Loads in Dc Microgrids with Gan-based Flexible Dc Energy Router Nihanth Adina, The Ohio State University	3002
9:10 AM	Break - Networking	
9:15 AM	Keynote I: Jesse R. Quinland (NASA Langley)	3002
10:15 AM	Young researcher I: Dr. Dominic Gross (UW-Madison)	3002
10:45 AM	Break - Networking	
10:50 AM	Leveraging Permian Basin Assets for the Emerging Clean Hydrogen Economy: Grace Childers (UT-Austin)	3002
11:10 AM	Signed Distance Function-based Analytical Modeling of Electric Machine Geometry: Andres Beltran (Purdue University)	3002
11:30 AM	Young researcher 2: Dr. Nathan Brooks (Rose Hulman Institute of Technology)	3002
12:00 PM	Lunch	3002
1:00 PM	Panel: Women in Engineering	3002
1:30 PM	Panel Dr. Matt Magill (Switched Source LLC), Dr. Tim O'Connell (PC Krause) & Prof. Kiruba Haran (UIUC)	3002
2:30 PM	Posters: Outside 3002	
3:15 PM	Young researcher 3: Dr. Melody Yi (GE),	3002
3:45 AM	An 11-kw Bidirectional On-board charger with Highly Integrated Sic-Cascode Technology: Juan Carlos Rodriguez (Analog Devices Inc)	3002
4:05 AM	A Modular Multi-phase High-Power Resistive Load Bank with Zero-Current Switching Functionality: Benjamin Liao (UC Berkeley)	3002
4:25 PM	Break - Networking	3002
4:30 PM	Young researcher 4: Serena Patel (MIT)	1002
5:00 PM	Young researcher 5: Thantheepan Balachandran (Hinetics LLC)	1002
5:30 PM	Keynote II: Power Electronic Converters for Electric Aircraft Propulsion – Challenges and Advancements Prof. JiangBiao He (University of Kentucky)	1002
6:30 PM	Banquet and Awards & PECI Co-Chair	3002