

What is CIEC?

The Conference for Industry and Education Collaboration (CIEC) began in 1976 as an annual mid-winter meeting for four divisions of the American Society for Engineering Education (ASEE). The Cooperative and Experiential Education Division (CEED), the College Industry Partnership Division (CIPD), the Continuing Professional Development Division (CPDD), and the Engineering Technology Division (ETD) work together to create a conference that best meets the professional needs of their respective division memberships and provides interaction and networking opportunities for conference participants.

The 2023 CIEC will be convened at the Embassy Suites Charleston Airport Hotel & Convention Center in beautiful North Charleston, South Carolina. This year's conference theme is Recharge, Innovate, and Shape Engineering Education. The conference includes workshops, technical sessions, training, an industry panel, and plenary sessions emphasizing the long and mutually beneficial partnerships between, education, industry, and government. Conference information can be found at <https://asee.org/ciec-2023>.

If you would like to participate in the CIEC Expo and highlight your company or university, contact Hiro Iino at hiino@iastate.edu or Julayne Moser at moser@purdue.edu. General questions can be sent to Aixi Zhou at azhou@ncat.edu or Clay Gloster Jr. at cgloster@ncat.edu

CIEC 2023 Conference Management Team

General Conference Chair

Aixi Zhou

North Carolina A&T State University

General Conference Co-Chair

Clay S. Gloster Jr.

North Carolina A&T State University

Assistant Gen. Conf. Chair

Mahesh Aggarwal

Gannon University

Registrar

Gayle G. Elliott

University of Cincinnati

Financial Chair

Linda Thurman

University of North Carolina
at Charlotte

Publicity Chair

Sandra English

North Carolina Central University

CEED Program Chair

Sandra Leon-Barth

University of Central Florida

CIPD Program Chair

Soma Chakrabarti

ANSYS Inc.

CPDD Program Chair

Tamra Swann

Mississippi State University

ETD Program Chair

Marilyn Dyrud

Oregon Institute of Technology

Golf/Networking Co-Chairs

Paul Plotkowski

Grand Valley State Univ.

Golf/Networking Co-Chairs

Rodd Lowell

Grand Valley State University

Poster Chair

David Schemusser

Clemson University

Expo Co-Chairs

Hiro Iino

Iowa State University

Julayne Moser

Purdue University

Opening Reception Chair

Linda Krute

North Carolina State
University

Proceedings Chair

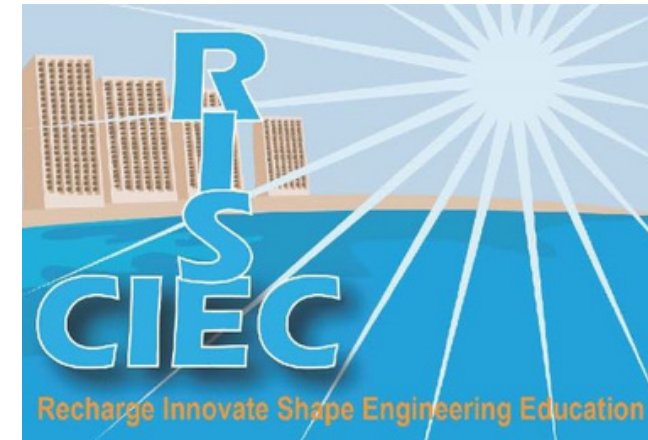
Marilyn Dyrud

Oregon Institute of
Technology

AV/Photography Chair

Richard Robles

University of Cincinnati



2023 Conference for Industry & Education Collaboration

Feb 8-10th, 2023
North Charleston, SC



2023 Conference on Industry and Education Collaboration (CIEC) - Programs At A Glance

February 8-10, 2022, Embassy Suites Charleston Airport Hotel Convention Center, North Charleston, SC.

Time	Cooperative & Experiential Education Division (CEED)	College-Industry Partnership Division (CIPD)	Continuing Professional Development Division (CPDD)	Engineering Technology Division (ETD1)	Engineering Technology Division (ETD2)
Tuesday, February 7					
8:00AM	CEED Division Meeting (12:00-4:00PM)		CPDD Board Meeting (8AM-12PM)	ETD Workshop 1 (1:00-3:00PM)	ETD Workshop 2 (2-4PM)
5:00 PM	CIEC New Attendee Welcome Reception (Room 8)				
6:00-9:00PM	Explore Engineering in Charleston (transportation included)				
Wednesday, February 8					
8:00 AM	CEED Business Meeting (Room 1)	CIPD Business Meeting (Room 2)	CPDD Business Meeting (Room 3)	ETD Business Meeting (Room C4)	
9:00 AM	Plenary Session (Ballrooms C1-C3)				
10:30 AM	Expo and Poster Open - Refreshment Break (Second Floor Hallway)				
11:00 AM	Bridging Neurodiverse STEM Student Success and Tips for Recruiting at HBCUs (Room 14)	Structuring Win/Win Partnerships in Industry-Academia Engagement (Room 10)	Serving Employers and Students with Customer Focused Programs (Room 11)	Mini-Grants Revealed (Room 12)	ECEDTHA Meeting (Room 13)
12:30 PM	Industry-Education Networking Luncheon (Buffet, Ballroom B)				
2:00 PM	Shifting the Skill Gap to Address Students' Concerns; Perfectly Imperfect: Addressing Students' Failures During Experiential Learning (Room 14)	IP Development and Sharing by Industry and University (Room 10)	Contract to Tenure-Track - Strategies for Engaging Faculty (Room 11)	Innovation and Design through Industry Partnership (Room 12)	Issues in STEM (Room 13)
3:30 PM	Comfort Break (Expo and Poster, Second Floor Hallway)				
4:00 PM	Finding new ways to Develop Industry Enhancing Co-op Student Experience through Appreciative Advising and Peer Mentorship (Room 14)	Models and Frameworks for College-Industry-Government Partnerships in Industry 4.0 Engineering Workforce Development (Room 10)	Post-COVID Technology: Paradigm Shift or Pendulum Swing (Room 11)	Developing Workforce for the Blue Economy: Marine Engineering Technology Programs (Room 12)	Industry Informed Curricular Development in Engineering Technology I (Room 13)
4:30-6:00PM	ETD Board Meeting (Room C4)				
6:00-8:00PM	CIEC Opening Reception (Ballroom, First Floor Foyer)				
Thursday, February 9					
8:00 AM	CEED Business Meeting (Room 1)	CIPD Business Meeting (Room 2)	CPDD Business Meeting (Room 3)	ETD Business Meeting (Room C4)	
9:00 AM	Expo and Poster Open (Second Floor Hallway)				
9:00 AM	Industry Perspective - Preparing Students for Experiential Education (Room 14)	Collaboration Between Academia and Industry on Curricular Materials and Experiential Learning (Room 10)	Cracking the COVID Workforce Dilemma (Room 11)	Integrating Industry 4.0 into Engineering Technology Curriculum I (Room 12)	Engineering Technology National Forum (Room 13)
10:30 AM	Refreshment Break (Expo and Poster, Second Floor Hallway)				
11:00 AM	Diversity and Innovation in Engineering; Women in engineering (Room 14)	University-Industry collaboration for Capstone Design Projects (Room 10)	US News Rankings Love it or Hate it's Here to Stay (Room 11)	Process Automation, Safety, and Cybersecurity (Room 12)	Creative Approaches to Teaching Ethics (Room 13)
12:30PM	CIEC Awards Luncheon (Buffet, Ballroom B)				
2:00 PM	Industry Panel (Ballrooms C1-C3)				
3:30 PM	Refreshment Break (Expo and Poster, Second Floor Hallway)				
4:00 PM	Enhancing Co-op Experiences and KEEN Programs (Room 14)	University-Industry Collaboration in Developing Micro-credentials for Engineering Students and Workforce (Room 10)	Engineering Professional Development: Past Experiences and Future Decisions (Room 11)	Integrating Industry 4.0 into Engineering Technology Curriculum II (Room 12)	OER in ET Programs (Room 13)
4:00 PM	Expo Closes				
4:00-5:00PM	Poster Presentation and Evaluation (Second Floor Hallway)				
5:00-6:00PM	CIEC 2024 Pre-planning Meeting (Room 4)				
6:00-8:00PM	Awards Reception (Off site)	Division Hospitality (Lobby)	Social Time (Lobby)	Division Hospitality (Room 3)	
Friday, February 10					
7:00 AM	Corporate Networking 101 and CEED Industry Tour				
7:30AM	CIPD Planning Meeting (Room 10)				
9:00 AM	Aligning Career Education and ABET Student Learning Outcomes; Impact of Service-learning Projects on Students' Co-op and Full-time Job Search (Room 14)		CPDD Special Interest Group Roundtable and Planning Session (Room 11)	How to Prepare Students to the "New Industry": Challenges, Methods, and Implementation (Room 12)	Metaverse (Room 13)
10:30AM				JET Board Meeting (Room 12)	Industry Informed Curricular Development in Engineering Technology II (Room 13)
12:00 PM	CIEC 2023 Conference Concludes				