Join us in February 2023!

The ASEE Conference for Industry and Education Collaboration is organized by College-Industry Partnership Division (CIPD), Continuing Professional Development Division (CPDD), Cooperative and Experiential Education Division (CEED), and Engineering Technology Division (ETD). This annual conference includes workshops, technical sessions, training, and a plenary emphasizing the long and mutually beneficial partnerships between education, industry, and government.

The 2023 CEIC will convene at the Embassy Suites in North Charleston, SC, from February 8th to the 10th. For more information and questions regarding the 2023 CIEC, contact Aixi Zhou at Azhou@nCAT.edu.

REGISTER FOR THE CONFERENCE (no information yet so we can add later)

BOOK YOUR HOTEL RESERVATION (no information yet so we can add later.

The conference hotel is the Embassy Suites in North Charleston at a room rate of $175/night.

Conference Brochure (add brochure attached)

CIEC Exposition and Sponsorship Opportunities
Your organization is invited to exhibit at the annual CIEC. The EXPO will feature exhibitors from academia and industry and will give your organization an effective and inexpensive exposure to over 300 professionals in engineering education. More than 200 representatives from academia and industry attend each year.

This conference is a nationally recognized conference focusing on engineering education issues for industry, universities, and government.

Benefits to exhibiting at CIEC include:

- Exposure: To leading professionals in the field of engineering education and in industry.
- Networking: Informal discussions among participants and exhibitors.
- Branding: Your company's name and/or logo will be printed in the final conference brochure.

If your organization would like to become a conference sponsor and/or participate in the CIEC EXPO, please contact Hiro Iino at hiino@iastate.edu.

Cooperative and Experiential Education Division (CEED)

This division strives to develop high principles and maintain the integrity of cooperative education throughout academia and industry. The general goals of the division are to foster a better understanding of cooperative education, improving co-op services to employers, and promote cooperative education in engineering and engineering technology to business and industry both national and international. The division also emphasizes professional standards and accreditation of co-op programs.

College-Industry Partnerships Division (CIPD)

CIPD is an organization that fosters a strong alliance between engineering employers, educators and those interested in promoting partnerships that enhance science and technology.

Continuing Professional Development Division (CPDD)

CPDD fosters the development, delivery, and improvement of continuing education in all areas that pertain to allied branches of science, technology, engineering, and math. CPDD provides advocacy for and leadership in lifelong learning and it creates opportunities for the exchange of information and expertise among providers and consumers of educational programs.

Engineering Technology Division (ETD)

ETD has as its principal function the support of individual member interests related to the field of engineering technology. Its membership is composed of public and private two- and four-year engineering technology educators from all over the world as well as representatives from industries that employ engineering technology graduates.
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 8-10, 2023
North Charleston, SC

<table>
<thead>
<tr>
<th>Time</th>
<th>Cooperative &amp; Experiential Education Division (CEED)</th>
<th>College-Industry Partnership Division (CIPD)</th>
<th>Continuing Professional Development Division (CPD)</th>
<th>Engineering Technology Division (ETD1)</th>
<th>Engineering Technology Division (ETD2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM</td>
<td>CEEB Breakfast Business Meeting</td>
<td>CIPD Breakfast Business Meeting</td>
<td>Breakfast with the Continuing Professional Development Division</td>
<td>ETD Breakfast Business Meeting</td>
<td>ETD Breakfast Business Meeting</td>
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<tr>
<td>9:00 AM</td>
<td>Plenary Session</td>
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<tr>
<td>9:30 AM</td>
<td>Expo and Poster Open - Refreshment Break</td>
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<tr>
<td>11:00 AM</td>
<td>Classroom to Boardroom: Bridging Neurodiverse STEM Student Success</td>
<td>Structuring Win-Win Partnerships in Industry-Academia Engagement</td>
<td>Developing Non-Credit and Credit Opportunities for Student and Employer Success: Michigan's MLEAP/Industry Tracking</td>
<td>Wnt-Grants Revealed</td>
<td>What Industry Offers to Academia</td>
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<tr>
<td>12:00 PM</td>
<td>Comfort Break</td>
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<tr>
<td>2:00 PM</td>
<td>Shifting the Skill Gap to Awareness Gap</td>
<td>IP Development and Sharing by Industry and University</td>
<td>Rankings and Other Administrative Realities</td>
<td>Innovation and Design through Industry Partnership</td>
<td>What Academia Needs to Offer to Industry</td>
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<td>3:30 PM</td>
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<tr>
<td>4:00 PM</td>
<td>Developing Industry Talent Pipelines</td>
<td>Creating opportunities together for high school underrepresented and underserved students by employers and colleges</td>
<td>Guidelines and Quality Standards for Online Engineering Education</td>
<td>Developing Workforce for the Blue Economy</td>
<td>Applications of Terrestrial 3D Laser Scanning</td>
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<td>5:30 PM</td>
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<tr>
<td>6:00 PM</td>
<td>CEEB Opening Reception</td>
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<tr>
<td>7:00 AM</td>
<td>CEED Planning Meeting</td>
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<tr>
<td>9:00 AM</td>
<td>CEED Planning Meeting</td>
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<td>How to Prepare Students for the &quot;New Industry&quot;</td>
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<td>9:00 AM</td>
<td>CEED Planning Meeting</td>
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<td>Metaverse</td>
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<tr>
<td>12:00 PM</td>
<td>CEED Planning Meeting</td>
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<td>America's Cutting Edge (ACE) CNC Machining Training Program</td>
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**Pre and Post Conference Meetings/Events**

**Monday, February 6**
- CEEB Executive Board Meeting: 3:00-5:00 PM
- CEEB Management Team Meeting: 5:00-5:45 PM
- CEEB General Conference Chair Reception (Management Team, Cooper): 5:00-8:00 PM

**Tuesday, February 7**
- CEEB Division Meeting: 12:00-4:00 PM
- CEEB Board Meeting: 8:00-12:00 PM
- CEEB Workshop: 1:00-5:00 PM

**Wednesday, February 8**
- CEEB Division Meeting: 12:00-4:00 PM
- CEEB Board Meeting: 8:00-12:00 PM
- CEEB Workshop: 1:00-5:00 PM

**Thursday, February 9**
- CEEB Division Meeting: 12:00-4:00 PM
- CEEB Board Meeting: 8:00-12:00 PM
- CEEB Workshop: 1:00-5:00 PM

**Friday, February 10**
- Corporate Networking 101: 7:00 AM - 2:00 PM
- Division Tours (organized by CEEB): 7:30 AM - 2:00 PM

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**Plenary Session**

- Exposing New Innovations: 9:00 AM to 10:00 AM

**Panel Sessions**

- Industry Perspective - Preparing Students for Experiential Education: 10:00 AM to 11:00 AM
- Industry-Academia Partnerships in Developing Micro-Credentials for Engineering Workforce: 1:00 PM to 2:00 PM
- Industry-Academia Partnerships in Developing Micro-Credentials for Engineering Workforce: 3:00 PM to 4:00 PM

**Workshops**

- Industry-Academia Partnerships in Developing Micro-Credentials for Engineering Workforce: 1:00 PM to 2:00 PM
- Industry-Academia Partnerships in Developing Micro-Credentials for Engineering Workforce: 3:00 PM to 4:00 PM

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**Conference Concludes**