

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 48th CIEC will be convened on February 7th-9th, 2024 at the Hyatt Regency Orange County in beautiful Garden Grove, California. This year's conference theme is:

Industry and Academia – Co-Creating the Future.

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://www.asee.org/events/Featured-Events/2024-Conference-for-Industry-and-Education-Collab>

If you would like to participate in the CIEC Expo and highlight your company or university, please contact Linda Krute at ldkrute@ncsu.edu or Mahesh Aggarwal at aggarwal001@gannon.edu.

General questions can be sent to:

Mahesh Aggarwal at aggarwal001@gannon.edu.

CIEC 2024 Conference Management Team

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Mahesh Aggarwal

Gannon University

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48th Conference for Industry and Education Collaboration



Industry and Academia – Co-Creating the Future

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February 7th-9th, 2024

Garden Grove, CA

2024 Conference on Industry and Education Collaboration (CIEC) - Program At A Glance
 February 7-9, 2024, Hyatt Regency Orange County, South Tower, Garden Grove, CA

Time	Cooperative & Experiential Education Division (CEED)	College-Industry Partnership Division (CIPD)	Continuing Professional Development Division (CPDD)	Engineering Technology Division (ETD)	
Tuesday, February 6					
8:00 AM			CPDD 201: CPDD Board Meeting (8:00 - 11:30 AM)		
1:00 PM					
Wednesday, February 7					
7:30 AM	CEED 302: CEED Board Meeting (7:00 - 8:45AM)	CIPD 303: CIPD Breakfast Meeting	CPDD 304: CPDD Breakfast Meeting	ETD 305: ETD Breakfast Meeting	
8:00 - 9:00AM	CIEC 301: CIEC New Attendee Welcome Reception (Valencia, 2nd floor)				
9:30 AM	CIEC 311: Keynote Speaker (Royal Ballroom)				
10:30 AM	CIEC 321: EXPO and Poster Open - Comfort Break (Royal Foyer)				
11:00 AM	CEED 312: Semiconductors, Silicon Valley & Pharmaceuticals: How Industry Knowledge Based Courses lead to Recruitment & Retention; Creating a More Inclusive Future: Implicit Bias in Student Hiring	CIPD 313: Co-creating the Future of Sustainability: Our roles in creating sustainability-minded engineers	CPDD 314: Career Shifts within Continuing and Professional Development	ETD 315: Industry Informed Curricular Development in Engineering Technology I	ETD 325: Engineering Technology National Forum
12:30 PM	CIEC 341: Industry-Education Networking Luncheon				
2:00 PM	CEED 322: Career Peers: Continuously Improving and Scaling Up a Peer-to-Peer Model for Student Success in Industry; Industrial partnering for STEM success - Rowan's Introduction for Students to Engineering (RISE)	CIPD 323: Preparing the Next Generation Workforce: Adapting Our Pipelines after COVID-19 for Industry and College Educators	CPDD 324: Growing STEM Education for Careers Impacting US Industry	ETD 335: Industry Informed Curricular Development in Engineering Technology II	ETD 345: New Technology and Cybersecurity: Preparing the Future Workforce
3:30 PM	CIEC 351: Refreshment Break (Expo and Poster, Royal Foyer and 2nd floor hallway)				
4:00 PM	CEED 332: HBCU/HSI Pipeline Consortium; How does a busy co-op adviser efficiently nurture industry connections to impact engineering academics?	CIPD 333: Student & New Graduate Panel: Expectations and Realities	CPDD 334: Marketing: Does what work for one work for another	ETD 355: ETD Board Meeting	ETD 365: Captivating Class Activities and Assignments
6:00-8:00 PM	CIEC 341: CIEC Opening Reception (Royal)				
Thursday, February 8					
7:30 AM	CEED 402: CEED Breakfast Business Meeting	CIPD 403: CIPD Business Meeting	CPDD 404: CPDD Business Meeting	ETD 405: ETD Business and Breakfast Meeting	
8:30 AM	CIEC 401: Expo and Poster Open				
9:00 AM	CIEC 411: Plenary Session (Royal Ballroom)				
10:30 AM	CIEC 421: Comfort Break (Expo and Poster, Royal Foyer)				
11:00 AM	CEED 412: Beyond the Buzzwords: The Power of Holistic Health to Achieving Workplace Well-Being; Rising Tide Lifts All Boats: Regionalism Over Institutionalism	CIPD 413: Beyond the Hype: AI and its role in education and industry	CPDD 414: Centralizing Online Learning – The Ongoing Journey	ETD 415: Entrepreneurial Mindset Learning for Engineering and Engineering Technology Education: A Starter Kit	ETD 425: ECEDTHA Meeting
12:45 PM	CIEC 431: CIEC Awards Luncheon (Buffet, Royal Ballroom)				
2:00 PM	CEED 422: Developing and Continually Evolving a Best of Class Co-Op Program; Leveraging AI Technologies for the Enhancement of Cooperative Education and Experiential Learning	CIPD 423: Breaking Boundaries: Revolutionizing Education and Industry with Collaborative Curriculum and Research	CPDD 424: University-Industry Partnerships for the Jobs of Tomorrow	ETD 435: Embedding Use of Standards in Engineering Education	ETD 445: Leveraging Industry Partnership for Capstone Projects in Engineering Technology
3:30 PM	CIEC 441: Refreshment Break (Expo and Poster, Royal Foyer)				
4:00 PM	CEED 432: The Impact: Alternative credentials and employer-sponsored learning (CEED/CIPD/CPDD)	CIPD 433: The Impact: Alternative credentials and employer-sponsored learning (CEED/CIPD/CPDD)	CPDD 434: The Impact: Alternative credentials and employer-sponsored learning (CEED/CIPD/CPDD)	ETD 455: Integrating Industry 4.0 into Engineering Technology Curriculum	ETD 465: Developing Workforce for the Blue Economy: Marine Engineering Technology
4:00 PM	EXPO Closes				
4:00-5:00 PM	CIEC 451: Poster Presentation and Evaluation				
5:00-6:00 PM	CIEC 461: CIEC 2025 Pre-planning Meeting				
6:00-8:00 PM	CEED 442: CEED Awards Reception, TBD				
CIEC 471: Top Golf					
Friday, February 9					
7:30 AM	CIEC 501: Golf/Networking Event				
7:30 AM	CEED 502: CEED Leadership Transition Meeting and Planning Meeting for 2024-2025	CIPD 503: CIPD Planning Meeting			
9:00-10:30AM	CEED 512: Industry Tour 10:00 AM - 1:00 PM (Leave by 9:15 in shuttles)	CIPD 513: Teaching Entrepreneurship: Making it Work Through Industry and Academic Collaboration	CPDD 504: Special Interest Group (SIG) Meeting	ETD 505: Topics on 2 yr to 4 yr transfer pathways and Ethics	ETD 515: Fluid-Thermo courses in Engineering Technology
10:45 AM				ETD 525: JET Board Meeting	ETD 535: General Topics in Engineering Education
12:00 PM	CIEC 511: 2024 Debriefing to 2025 Management Team				
12:30 PM	CIEC 2024 Conference Concludes				