ETD Business Committee Meeting Minutes 27 June 2023

The Business Committee meeting of the ETD was called to order at 1:30pm on June 27, 2023 by Christopher LeBlanc, Division Chair of ETD in person in Baltimore, Maryland during the ASEE Annual Conference. The following persons were present:

ETD Chair, Christopher LeBlanc, christopher.leblanc@unh.edu University Of New Hampshire
ETD Secretary, John Irwin (not present) notes taken by Clay Gloster, cgloster@ncat.edu, NC A&T
Minutes of the previous meeting were distributed electronically prior to the meeting. The minutes were scrolled through and reviewed by meeting attendees. ETD Business meeting minutes of February 9, 2023 were accepted as presented. The motion passed unanimously.

OFFICER and ETD COMMITTEE REPORTS:

- **Treasurer Report - Wei Zhan not present. (copy attached)** Budget was presented by Chris LeBlanc
  - $33,499.93 ETD BASS balance funds are frozen until ASEE budget is resolved
- **ASEE Conference Report - Amit Bandyopadhyay (copy attached)**
  - 96 Abstracts were submitted
  - 56 papers were published
  - 11 Technical sessions and one poster session
  - All technical sessions have different Moderators
  - Paper management’s software problems frustrated some authors
  - Paper management system got better as the conference approached
  - ETD Conference Best paper will be selected by committee to review papers.
- **Communications - Weihang Zhu (copy attached)**
  - The annual account of Wordpress is a clone account for the engtech.org site.
  - The Directories of Dept Heads is out of date
  - Suggestion made to create a new position as ETD Archivist (history of Division is important to retain and data is kept different places).
- **ETD Listserv - Walter Buchanan not present (copy attached)** Chris LeBlanc reported
  - We had 4500 members on the ET Listserv
  - Only 300 ETD members, mostly used for job postings rather than ETD important topics for discussion
  - Researching moving the Listserv to Wordpress
  - Use the Listserv to recruit for ETD membership
  - Create QR code to have at conferences during technical sessions get people to join ETD as members
- **Elections and Nominations - Clay Gloster (copy attached)**
  - ETD Chair - Scott Dunning, Virginia Polytechnic Institute and State University
  - ETD Treasurer - Wei Zhan, Texas A&M University
  - ETD Member at Large - David W. Stollberg, Kennesaw State University
  - ETD Assistant Vice Chair for ASEE Programs - Ivan Mosley, Sr., Tennessee State University
  - Assistant CIEC ETD Program Chair - Maurizio Manzo, University of North Texas
- **Other Reports**
  - **2024 CIEC – Orlando Ayala (copy attached)**
    - CIEC to be held in Garden Grove California Feb 7-9, 2024
    - Not planning a hospitality event for ETD due to budget crisis unless finding a sponsor
  - **2023 CIEC - Marilyn Dyrud (copy attached)**
    - New new projector (3) required and (1) has failed
    - CIEC Account may need to move to ASEE BASS in the future
- CIEC has Guidelines not Bylaws, may need to align with ASEE structure
  - Members at large – Michael Johnson not present, reported by Chris LeBlanc
    - Current ETD membership is declining 342, was 800-900
  - JET Report Jyhwen Wang (copy attached)
    - Past 2 years accept rate has been 12-15%
    - 12 papers submitted, some not research in ET
    - Spring issue recently published and past issues will be posted online
    - Need for a communication editor
    - Now accepting short papers 5-6 pages and long papers 10-12 pages
    - Encouraging JET to have an ASEE session at conference
  - ET Mini Grants (copy attached)
    - Mini Grants have been suspended until BASS account is reinstated
  - ETC Report – Marty Gordon (copy attached)
    - John Irwin stepping in as ETC Chair
    - ETLI will be in conjunction with ASEE Gala
    - Capital Hill visits will be arranged by home institutions
  - Tau Alpha Pi – Chris LeBlanc
    - IUPUI had 38 inductees, ASEE was slow but did respond
  - PIC V Report – Peter Golding not present, Elliot Douglas reported
    - Annual Conference 2023 was a record setting year with 3246 abstracts submitted and 1947 papers accepted
    - Portland Oregon next year Annual Conference site
    - NEMO will be updated fixing issues with paper submission process
    - Make nominations for ASEE Hall of Fame awarded at Gala
    - ASEE BASS Accounts: Forensic Accountants looked into finance issues, no criminal actions, not following policies of the Board, lack of controls.
    - BASS accounts comingled to pay outstanding balances, payback to 1bass accounts to begin in February timeframe
    - If your Division raises money, those funds are available to spend.

A motion was made and accepted and the meeting was adjourned at 2:47 pm

Respectfully submitted,

John Irwin, Secretary, Engineering Technology Division
# ETD \(^1\)BASS Account (229)

2Beginning Balance at 9/30/2022

<table>
<thead>
<tr>
<th>Income</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dues Revenue YTD FY22:</td>
<td>$ 1,370.00</td>
</tr>
</tbody>
</table>

Unavailable

<table>
<thead>
<tr>
<th>Expenses</th>
<th>$</th>
</tr>
</thead>
</table>

Projected Balance as of 06/16/2023

<table>
<thead>
<tr>
<th>Outstanding Encumbrances</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>2022 ETD Mini-Grant</td>
<td>2,500.00</td>
</tr>
<tr>
<td>2023 Berger/McGraw Award and dinner (est.)</td>
<td>2,000.00</td>
</tr>
</tbody>
</table>

$ (4,500.00)

Projected Balance as of 06/16/2023

<table>
<thead>
<tr>
<th>ETD Total</th>
<th>$</th>
</tr>
</thead>
</table>

Footnotes

1Bass is the acronym for Banking and Accounting Services System.

2Based on audited Financial Report dated 3/31/2023
<table>
<thead>
<tr>
<th></th>
<th>CIEC 2022 Recap</th>
<th>CIEC TOTAL Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ETD Account Balance:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>as of January 17th, 2022</td>
<td>$24,623.61</td>
<td>$23,826.08</td>
</tr>
<tr>
<td><strong>Profit CIEC 22’</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>-797.53</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Conference Breakdown for ETD</strong></th>
<th><strong>Profit</strong></th>
<th>see box below for explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guaranteed from CIEC</td>
<td>$1,000.00</td>
<td>#Registrations -</td>
</tr>
<tr>
<td>Profit -registrations</td>
<td></td>
<td>Plus Others =</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>Total</td>
</tr>
<tr>
<td></td>
<td></td>
<td>($797.53)</td>
</tr>
</tbody>
</table>

| **Expenses**                     |            |                               |
| Travel Grants                    |            |                               |
| Hospitality                      | ($1,797.53)|                               |
| Owed from Comps                  | 0          |                               |
| Total                            | -$1,797.53 |                               |

| Owes CIEC subtracted from any CIEC Profits | 0.00 |
| Total to CIEC                          | -$797.53 |

| **Total paid participants divided by number of division registrations** | Each division gets .25 of those in the Other Category (50) + 5 CMC or 55 divided by the four divisions equals 13.75 rounded off to 14 |
Report from the Program Chair 2023 ASEE Annual Conference

1. Total 96 Abstracts were submitted to the Engineering Technology Division
2. Eventually 56 papers were published
3. There are 11 Technical sessions and one poster session for Engineering Technology Division
4. All technical sessions have different Moderators
5. Paper management’s software problems frustrated some authors and they dropped out.
6. Paper management system got better as the conference approached
There is not much news since CIEC 2023. Several brief items are as below.

1. The annual account of Wordpress will be renewed at June 6, 2023 automatically.

2. I am waiting for the results of negotiation about mailing list.

3. I have updated engtech.org based on the feedback I received from CIECE 2023.

4. I have updated JET website according to Dr. Wang’s requests.

5. A fake website engtech.pl was created by some cheaters. Some authors were tricked into believing that was the official website. We got inquiries from these authors and told them it was a fake website. Dr. Wang has reported this issue to ASEE. It seems that this fake website has been taken offline.

Sincerely

Weihang Zhu
Professor of Mechanical Engineering Technology: https://coss.egr.uh.edu/

MET Program Coordinator: https://dot.egr.uh.edu/programs/graduate/mechanical-engineering-technology

T2 Room 374, (713) 743-6980, wzhu13@uh.edu

Department of Engineering Technology, Technology Division, Cullen College of Engineering

University of Houston, Houston, Texas

NSF-UH RET site: https://coss.egr.uh.edu/ret-cot/
ETD nominations/elections report
May 30, 2023

ETD Chair
Scott Dunning, Virginia Polytechnic Institute and State University

ETD Treasurer
Wei Zhan, Texas A&M University

ETD Member at Large
David W. Stollberg, Kennesaw State University

ETD Assistant Vice Chair for ASEE Programs
Ivan Mosley, Sr., Tennessee State University

Assistant CIEC ETD Program Chair
Maurizio Manzo, University of North Texas

Sincerely,

Clay Gloster, Jr.
Covid Catch-Up

We have finally concluded the prior grant cycle, after three years of suspended sessions. This year’s CIEC program opened with mini-grants presentations, primarily from those who had experienced disruptions in their projects due to Covid. The only outstanding item is the final payment of $1250 to Margaret Phillips and Rob McPherson, who got caught in the great budget sweep.

Current Status

The program is currently suspended until ASEE financial difficulties are resolved, with 4 grants submitted by last year’s deadline. The program chair has contacted project PIs and explained the situation. All agreed to keep their proposals active and to adjust their originally proposed timelines.

Important Note

I will be (really!) retiring after the 2025 annual conference, and so someone will need to please step up and serve as program coordinator. I will happily send that person all necessary information.
2023 Paper Statistics

Abstracts
Submitted 46
Withdrawn 1

Papers
Submitted 45
Withdrawn 1
No shows* 3

*These papers will not be published in the proceedings

Peer Review

CIEC ETD papers underwent a regular peer review, along with an initial originality scan. A call for reviewers was circulated via the ETD listserv, and 46 people responded. The program chair assigned reviewers to sessions, and moderators kept track of reviewing forms and communicating reviews to authors. The process seemed to proceed smoothly this year.

Attendance

Registered participants topped 300 this year, perhaps signaling a return to pre-Covid levels. As is typical, ETD accounted for 30-40% of conference attendees.

Equipment Needs

Several years ago, ETD purchased 3 projectors, 2 for sessions and 1 for meetings. However, this year one has died and we need to replace it. So we would like to respectfully request funding from ETD once the financial situation allows. Special kudos to John Irwin, who did an excellent job as AV point person and assured that everything worked for each session.

A Proceedings Note

ASEE has published the 2021 proceedings on its PEER system; however, not the 2021 proceedings. After finally connecting with the appropriate person, the chair discovered that ASEE now only has 2 people working on Web issues. So it will be some time before ASEE can
post CIEC proceedings, including 2022 and 2023. We are currently working on a temporary posting site, until ASEE has increased its number of Web workers.

**Important Note**

I will be (really!) retiring after the 2025 annual conference, and so someone will need to please step up and serve as proceedings chair. I will happily send that person all necessary information.
ETD Member-at-Large Report – Michael Johnson
Current ETD Membership

- Data provided by Tim Manicom - Director, Membership ASEE

- Membership continues to decrease
- High of 818 in October 1999 and 580 a decade ago (June 2013)
Journal of Engineering Technology®
Editor-In-Chief Report: Submitted by Jyhwen Wang
ASEE ETD Executive Committee Meeting at 2023 CIEC Conference

1. Manuscript statistics

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
<th>Inactive</th>
<th>Under Review</th>
<th>Accepted</th>
<th>Acceptance Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>51</td>
<td>46</td>
<td>0</td>
<td>5</td>
<td>9.8%</td>
</tr>
<tr>
<td>2021</td>
<td>39</td>
<td>32</td>
<td>0</td>
<td>5</td>
<td>12.8%</td>
</tr>
<tr>
<td>2022</td>
<td>41</td>
<td>32</td>
<td>3</td>
<td>6</td>
<td>14.6%</td>
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</table>

2. Submission data

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<thead>
<tr>
<th></th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
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<td>4</td>
<td>6</td>
<td>2</td>
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<td>4</td>
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<td>2</td>
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<td>1</td>
<td>4</td>
<td>2</td>
<td>3</td>
<td>41</td>
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<tr>
<td>2023</td>
<td>3</td>
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</tbody>
</table>

3. Manuscript status for Spring 2023 issue
   a. CIEC Best Paper (1)
   b. Accepted (2)
   c. Under revision (1)
   d. Under review (2)

4. JET Editorial Board discussions
   a. JET Website updates
   b. JET online publication – articles are available from PorQuest, plan to make back issues online so the articles can be easily searchable in Google.
ETC Annual Report for 2022-2023

Marty Gordon – Chair, ETC

ETC started the year off with a celebration of past and current recipients of the Berger and McGraw Awards. Nearly 100 old and new-timers attended the banquet and presentation at the 2022 ASEE Annual Conference in Minneapolis. The Jeffrey Ray memorial Award was also presented in-person for the first time.

An in-person ETLI was finally held again in Washington, DC in the Fall of 2022. WE had some great visits with congressional offices and committees – informing them about engineering technology programs and the unique characteristics and possibilities that they offer students.

We continue to advocate for the engineering profession by letting folks know that there is a second pathway available to becoming an engineer. ET programs continue to attract a more diverse student population than traditional engineering programs. We provide a pathway for non-traditional students and students who may have the intelligence to be engineers, but did not have the opportunity to start preparing for an engineering career in high school.

In August, the NCEES took a historic vote that, for the very first time, recognized that four-year ET graduates should be given a pathway for professional licensure. Only two “hell-no” states remain (Kansas and Illinois) when only three years ago there were nine. Hell-no states are states that will not allow an ET graduate to be licensed even though that person may have a PhD and 50 years of experience as a PE in another state – if your undergraduate degree was in ET, “hell-no” we won’t license you! Fortunately, the vast majority of states are moving in the direction to treat four-year ET and four-year engineering graduates exactly the same. Change takes time and we are making significant progress.

Like all sub-organizations within ASEE, the plans for ETC were a bit derailed by the financial crises. We thank the ASEE Senior Leadership team for their monumental efforts to get ASEE back on the right course and look forward to getting back to normal over the next couple of years. The loss of Lewis-Burke has slowed our federal efforts at the moment, but state efforts are continuing.

We held meetings in conjunction with the CIEC this past February and ETC will have representation on a task force that is looking at the future of CIEC.

We continue to share liaisons with CMC and hope to do the same with EDC and perhaps ERC.

Our current initiatives include advocating for changes to the ABET ETAC General Criteria that more aligns with our four-year students being prepared for a career as an engineer – not a second-class support person for engineers. Industry continues to highly value our students and continues to hire them into engineering positions. We also continue to work on challenges with PE licensure, CIP Codes and the GS-0800 issue (GS-0800 does not allow our new graduates to be hired as entry-level engineers into the federal workforce).

We have held monthly ETC board meeting for the last two years. I stated earlier this year that while I was eligible to serve a third year as ETC Chair I will be stepping down at the end of this ASEE year. John
Irwin will be taking over as ETC Chair and he will be a strong leader capable of moving ETC forward nicely.

We are planning to co-locate the 2023 ETLI with the ASEE Gala celebration in Washington.

We thank the ASEE board and the ASEE Staff for their support and awesome efforts this past year!!
Report from the Program Chair 2024 ASEE Annual Conference

1. 2024 Conference on Industry and Education Collaboration (CIEC) - February 7-9, 2024, Hyatt Regency Orange County, South Tower, Garden Grove, CA

2. Total of 13 sessions
   1) Developing Workforce for the Blue Economy: Marine Engineering Technology
   2) Fluid-Thermo courses in Engineering Technology
   3) General Topics in Engineering Education
   4) Embedding Use of Standards in Engineering Education
   5) ET 2 yr to 4 yr transfer pathways
   6) Leveraging Industry Partnership for Capstone Projects in Engineering Technology
   7) Integrating Industry 4.0 into Engineering Technology Curriculum
   8) Partnerships to Revitalize America’s Machining and Machine Tool Industry
   9) Captivating Class Activities and Assignments
   10) Cybersecurity
   11) Ethics: What Should Students Know?
   12) Industry Informed Curricular Development in Engineering Technology
   13) Preparing the Future Workforce Using New Technology in the Classroom

I want to invite you to submit abstracts.

3. Need committed reviewers to review the full papers.

4. Other meetings
   a. ETD Breakfast meeting – Wednesday February 7th @ 7:30 am
   b. ECEDTHA meeting – Wednesday February 7th @ 11 am
   c. ETD Board meeting – Wednesday February 7th @ 4 pm
   d. ETD Business & Breakfast meeting – Thursday February 8th @ 7:30 am
   e. Engineering Technology National Forum meeting – Thursday February 8th @ 11 am
   f. JET Board meeting – Friday February 9th @ 10:45 am

Could we confirm that ECEDTHA, ETNF, and JET will meet?

5. We want to consider having a paper management system – easychair (need about $225)

6. Will we need internet for the ETD meetings?

7. Hospitality event
   a. It is expensive @ hotel (for 50 people we will need more than $2k).
   b. Do we want to continue having it? Do we want to rethink it?
   c. Other divisions are cancelling and/or handling it outside.
   d. I will work on finding sponsors.
   e. ETD will receive $1k after the CIEC and there is money in that account.

8. Could we put CIEC link in ET webpage?
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://asee.org/ciec-2024.

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 aggarmal001@gannon.edu.

General questions can be sent to Mahesh Aggarwal at aggarmal001@gannon.edu.

CIEC 2024 Conference Management Team

General Conference Chair
Mahesh Aggarwal
Gannon University

Assistant General Conference Chair
Tamra Swann
Mississippi State University

Registrar
Gayle G. Elliott
University of Cincinnati

Financial Chair
Linda Thurman
University of North Carolina at Charlotte

CEED Program Chair
Jose Diaz Aquino
General Mills

CIPD Program Co-Chairs
Shannon O’Donnell
Siemens
Ed Borbely
University of Wisconsin-Madison

CPDD Program Chair
Candace House Teixeira
University of Southern California

ETD Program Chair
Orlando Ayala
Old Dominion University

Publicity Chair
Soma Chakrabarti
Ansys

Golf/Networking Co-Chairs
Paul Plotkowski
Grand Valley State University
Rodd Lowell
Grand Valley State University

Poster Co-Chairs
David Spang
Rowan College at Burlington County
Shane McEconomy
Florida A&M University/Florida State University

Expo Chair
Linda Krute
North Carolina State University

Opening Reception Chair
Linda Krute
North Carolina State University

Proceedings Chair
Marilyn Dyrud
Oregon Institute of Technology

Photography Chair
Jill Flood
University of Cincinnati

February 7th-9th, 2024
Garden Grove, CA

Industry and Academia – Co-Creating the Future

https://asee.org/ciec-2024
<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 (CPDD)</th>
<th>Engineering Technology Division (ETD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, February 6</td>
<td></td>
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</tr>
<tr>
<td>8:00 AM</td>
<td>CEED Board Meeting (7:00 - 9:00 AM)</td>
<td>CPDD Board Meeting (8:00 - 11:30 AM)</td>
<td>CPDD Workshop (1:00 - 4:00 PM) - TBD</td>
<td></td>
</tr>
<tr>
<td>1:00 PM</td>
<td>CPDD Board Meeting (8:00 - 11:30 AM)</td>
<td>CPDD Workshop (1:00 - 4:00 PM) - TBD</td>
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<td></td>
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<tr>
<td>Wednesday, February 7</td>
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<tr>
<td>7:30 AM</td>
<td>CEED Board Meeting (7:00 - 8:45 AM)</td>
<td>CIPD Breakfast Meeting</td>
<td>CPDD Breakfast Meeting</td>
<td>ETD Breakfast Meeting</td>
</tr>
<tr>
<td>8:00-9:00 AM</td>
<td>CIEC New Attendee Welcome Reception (Valencia, 2nd floor)</td>
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<td></td>
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</tr>
<tr>
<td>9:30 AM</td>
<td>CIEC New Attendee Welcome Reception (Valencia, 2nd floor)</td>
<td>CIPD Breakfast Meeting</td>
<td>CPDD Breakfast Meeting</td>
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</tr>
<tr>
<td>10:30 AM</td>
<td>CIEC New Attendee Welcome Reception (Valencia, 2nd floor)</td>
<td>CIPD Breakfast Meeting</td>
<td>CPDD Breakfast Meeting</td>
<td></td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Semiconductors, Silicon Valley &amp; Pharmaceuticals: How Industry Knowledge Based Courses lead to Recruitment &amp; Retention; Creating a More Inclusive Future: Implicit Bias in Student Hiring</td>
<td>Co-creating the Future of Sustainability: Sustainability's role beyond engineering education</td>
<td>From Challenge to Opportunity: Navigating the Role of Inaugural Associate Dean for Workforce Development</td>
<td>Ethics: What Should Students Know? ECEDETHA Meeting</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Career Peers: Continuously Improving and Scaling Up a Peer-to-Peer Model for Student Success in Industry; Students Harnessing Industry Perspectives: Building a Bridge to Industry through Alumni Champions</td>
<td>Preparing the Next Generation Workforce: Adapting Our Pipelines after COVID-19 for Industry and College Educators</td>
<td>Industry Informed Curricular Development in Engineering Technology</td>
<td>Captivating Class Activities and Assignments</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Career Peers: Continuously Improving and Scaling Up a Peer-to-Peer Model for Student Success in Industry; Students Harnessing Industry Perspectives: Building a Bridge to Industry through Alumni Champions</td>
<td>Preparing the Next Generation Workforce: Adapting Our Pipelines after COVID-19 for Industry and College Educators</td>
<td>Industry Informed Curricular Development in Engineering Technology</td>
<td>Captivating Class Activities and Assignments</td>
</tr>
<tr>
<td>Wednesday, February 7</td>
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<tr>
<td>3:30 PM</td>
<td>Refreshment Break (Expo and Poster, 1st and 2nd floor hallway)</td>
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</tr>
<tr>
<td>4:00 PM</td>
<td>HBCU/HSI Pipeline Consortium; How does a busy co-op adviser efficiently nurture industry connections to impacted engineering academics?</td>
<td>Student &amp; New Graduate Panel: Expectations and Realities</td>
<td>Career Shifts within Continuing and Professional Development</td>
<td>Preparing the Future Workforce Using New Technology in the Classroom</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>CIEC Opening Reception (Royal)</td>
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<tr>
<td>Thursday, February 8</td>
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<tr>
<td>7:30 AM</td>
<td>CIEC Opening Reception (Royal)</td>
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<td>8:00 AM</td>
<td>CIEC Opening Reception (Royal)</td>
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<tr>
<td>9:00 AM</td>
<td>CIEC Opening Reception (Royal)</td>
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<tr>
<td>11:00 AM</td>
<td>Beyond the Buzzwords: The Power of Holistic Health to Achieving Workplace Well-Being; Rising Tide Lifts All Boats: Regionalism Over Institutionalism</td>
<td>Beyond the Hype: AI and its role in education and industry</td>
<td>Centralizing Online Learning – The Ongoing Journey</td>
<td>Integrating Industry 4.0 into Engineering Technology Curriculum</td>
</tr>
<tr>
<td>12:45 PM</td>
<td>CIEC Awards Luncheon (Buffet, Royal Ballroom)</td>
<td></td>
<td></td>
<td>Engineering Technology National Forum</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>GOLD and PURPLE Career Ready Certificate Programs from Tennessee Tech: Industrial partnering for STEM success - Rowan’s Introduction for Students to Engineering (RISE)</td>
<td>Breaking Boundaries: Revolutionizing Education and Industry with Collaborative Curriculum and Research</td>
<td>Building a Healthy and Sustainable Construction Workforce: Insights and Strategies from Industry Leaders and Academia</td>
<td>Embedding Use of Standards in Engineering Education</td>
</tr>
<tr>
<td>3:30 PM</td>
<td>Refreshment Break (Expo and Poster, 1st and 2nd floor hallway)</td>
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<tr>
<td>4:00 PM</td>
<td>The Impact: Alternative credentials and employer-sponsored learning (CPD/CEED)</td>
<td>The Impact: Alternative credentials and employer-sponsored learning (CPD/CEED)</td>
<td>University-Industry Partnerships for the Jobs of Tomorrow</td>
<td>ET 2 yr to 4 yr transfer pathways</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>EXPO Closes</td>
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<td>Partnerships to Revitalize America’s Machining</td>
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<tr>
<td>4:00-5:00 PM</td>
<td>EXPO Closes</td>
<td></td>
<td></td>
<td>Machine Tool Industry</td>
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<tr>
<td>5:00-6:00 PM</td>
<td>EXPO Closes</td>
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<tr>
<td>8:00-8:00 PM</td>
<td>EXPO Closes</td>
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<tr>
<td>Friday, February 9</td>
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<tr>
<td>7:30 AM</td>
<td>Golf/Networking Event</td>
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<tr>
<td>7:30 AM</td>
<td>CEED Leadership Transition Meeting and Planning Meeting for 2024-2025</td>
<td>CIPD Planning Meeting</td>
<td>Special Interest Group (SIG) Meeting</td>
<td>Developing Workforce for the Blue Economy: Marine Engineering Technology</td>
</tr>
<tr>
<td>8:00-10:00 AM</td>
<td>Developing and Continually Evolving a Best of Class Co-Op Program</td>
<td>Special Interest Group (SIG) Meeting</td>
<td>Developing Workforce for the Blue Economy: Marine Engineering Technology</td>
<td>Fluid-Thermo courses in Engineering Technology</td>
</tr>
<tr>
<td>10:45 AM</td>
<td>JET Board Meeting</td>
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<td>General Topics in Engineering Education</td>
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<tr>
<td>12:00 PM</td>
<td>2024 Debriefing to 2025 Management Team</td>
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<tr>
<td>12:30 PM</td>
<td>CIEC 2024 Conference Concludes</td>
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