



Industrial Engineering Division

Spring 2020 Newsletter

The Industrial Engineering Division (IED) cordially invites you to attend the 127th Annual Conference and Exposition that will take place virtually from June 22-26, 2020 (EDT). To register for the conference, visit the ASEE website [here](#). You can find the full conference schedule at-a-glance [here](#). For the specific IED events and announcements, please refer to the following.

W529-Industrial Engineering Division Town Hall Business Meeting

Date and Time: Wednesday, June 24, 2:30 - 3:30 PM (EDT)

Online, A Virtual Conference

R729-Joint Divisions Social Event

This is a joint social hour of awards for the Industrial Engineering, Engineering Economy, Engineering Management, and Systems Engineering Divisions.

Date and Time: Thursday, June 25, 7:00 - 9:00 PM (EDT)

Online, A Virtual Conference

Free ticketed event

M229-Industrial Engineering Division Technical Session 1

Date and Time: Monday, June 22, 10:20 - 10:40 AM (EDT)

Online, A Virtual Conference (Moderated by Dr. Lisa Bosman)

Papers Presented:

1. **Assessing Instructional Effectiveness and Understanding Factors that Contribute to Student Performance in an Engineering Statistics Course: An Exploratory Study** [\[view paper\]](#). Dr. James Burns (Western Michigan University), Mrs. Enas Aref (Western Michigan University), and Mr. Mohammad Majd (Western Michigan University)

2. **Creating a Community of Practice for Operations Research by Cocreating a High-impact Executive Education Program in India** [\[view paper\]](#). Dr. Venugopalan Kovaichelvan (TVS Institute for Quality and Leadership, TVS Motor Company Ltd.) and Dr. Patrick A. Brunese (Purdue University, West Lafayette)
3. **Incorporating Divergent Thinking Skills Development into a Project-based Course in Industrial and Systems Engineering** [\[view paper\]](#). Prof. Elif Akcali (University of Florida), Prof. Wayne C.W. Giang (University of Florida), and Ms. McKenzie Landrum (University of Florida)
4. **Applying Artificial Intelligence to the Beer Game** [\[view paper\]](#). Dr. Lisa Bosman (Purdue University, West Lafayette), Dr. Aasikiran Madamanchi (Purdue University, West Lafayette), Dr. Scott R. Bartholomew (Purdue University, West Lafayette), and Dr. Vetricia L. Byrd (Purdue University, West Lafayette)

R229-Industrial Engineering Division Technical Session 2

Date and Time: Thursday, June 25, 10:00 - 10:20 AM (EDT)

Online, A Virtual Conference (Moderated by Dr. Raymond Smith III)

Papers Presented:

1. **Multiplayer Physical and Virtual Reality Games for Team-based Manufacturing Simulation** [\[view paper\]](#). Dr. Richard Zhao (Pennsylvania State University), Dr. Faisal Aqlan (Pennsylvania State University), Dr. Lisa Jo Elliott (Pennsylvania State University), and Mr. Ethan James Baxter (Pennsylvania State University)
2. **Strategies for Flipped Classroom Video Development: Educating Generation Z Engineering Students** [\[view paper\]](#). Dr. Michelle Alvarado (University of Florida), Dr. Katie LeAnne Basinger (University of Florida), Mr. Diego Alvarado (University of Florida), and Ms. Behshad Lahijanian (University of Florida)
3. **The CLICK Approach and Its Impact on Learning Introductory Probability Concepts in an Industrial Engineering Course** [\[view paper\]](#). Dr. Christian Enmanuel Lopez (Lafayette College), Dr. Omar Ashour (Pennsylvania State University), Mr. James Devin Cunningham (Affiliation unknown), Dr. Conrad Tucker (Carnegie Mellon University), and Dr. Paul C. Lynch (Pennsylvania State University)

Call for Officer Position

The Industrial Engineering Division is seeking nominations for Secretary/Treasurer for 2020-21. This is the first year of a five-year rotation, which is followed by Program Chair-elect, Program Chair, Division Chair, and then finally Awards/Past Division Chair. The time commitment is minimal except in the Program Chair year. Please consider nominating someone for this position; self-nominations are welcome. If you have questions, feel free to contact anyone currently on the IED Board. Nominations can be made at the Town Hall Business Meeting on Wednesday, June 24.

IED Board Members Contact Information

The following are the IED officers until the end of the 2020 ASEE Conference. After the conference, the Division Chair, Program Chair, Assistant Program Chair, and Secretary/Treasurer will move up one position.

Division Chair:	Paul C. Lynch PCL120@psu.edu / (814) 898-6387
Program Chair:	Ebisa Wollega ebisa.wollega@csupueblo.edu / (719) 549-2848
Program Chair-Elect:	Raymond Smith III smithraym17@ecu.edu / (252) 328-9722
Secretary/Treasurer:	Lisa Bosman lbosman@purdue.edu / (765) 496-0267
Awards/Past Division Chair:	Justin Kile justin.kile@quinnipiac.edu / (203) 582-3372
Directors:	Rick Olson (term ending 2020) r_olson@sandiego.edu / (619) 260-6853 Letitia Pohl (term ending 2020) lpohl@uark.edu / (252) 737-1031 Leonardo Bedoya-Valencia (term ending 2021) l.bedoyavalencia@csupueblo.edu / (719) 549-2788 Jessica (Matson) Oswald (term ending 2021) joswalt@tntech.edu / (931) 372-3260
Webmaster:	Lawrence Whitman larry.whitman@wichita.edu / (316) 978-5907
Diversity Committee Delegate:	Karen Bursic kbursic@pitt.edu / (412) 624-9837

Newsletter Submissions Welcome!

The most valuable newsletters are the ones that contain news of interest to the members submitted by the members. If you have something that you'd like to share with the IED, please forward the details to our newsletter editor. The newsletter editor for fall 2020 and spring 2021 is Lisa Bosman (lbosman@purdue.edu). Anything that might be of interest to the member is welcome, including:

- Call for papers for conferences related to engineering education, which includes ASEE regional conferences
- Reminders of deadline submission to agencies funding educational research
- Announcements of members receiving teaching awards or other related accolades
- Announcement of papers related to industrial engineering education

Please help add valuable information to promote collaboration, innovation, and impact in the field of industrial engineering!

Visit the ASEE Webpage for more information about the IED <https://sites.asee.org/ied>.