



Industrial Engineering Division

Spring 2019 Newsletter

The Industrial Engineering Division (IED) cordially invites you to attend the 126th Annual Conference and Exposition that will take place in Tampa, FL from June 16-19, 2019. To register for the conference and explore lodging options, 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.

M529 Industrial Engineering Division Town Hall Business Meeting

Date and Time: Monday, June 17, 3:15 - 4:45 PM

Venue: Meeting Room 11, Tampa Marriott Waterside - HQ Hotel

T719 Joint Banquet

This is a joint social event and award dinner for Engineering Economy, Engineering Management, Systems Engineering, and Industrial Engineering Divisions.

Date and Time: Tuesday, June 18, 7:00 - 9:00 PM

Venue: Jackson's; 601 S. Harbour Island Blvd Tampa, FL 33602

Ticket: \$65.00 advanced registration or \$75.00 on site registration

T129 Industrial Engineering Division Technical Session 1

Date and Time: Sunday, June 16, 1:15 - 2:45 PM

Venue: Room 1, Tampa Convention Center

Papers Presented:

1. **Implementation of a Project-Based Learning Approach, Case Study of "Measurement and Evaluation Techniques in Industrial Engineering" Course** [\[view paper\]](#). Dr. Behin Elahi (Purdue University, Fort Wayne)

2. **Aggregating Industrial Engineering Concepts Through Cookie Manufacturing** [[view paper](#)]. Aimee T Ulstad P.E. (Ohio State University) and Miss Lora Mavrouli (Ohio State University)
3. **Connected Learning and Integrated Course Knowledge (CLICK): Leveraging Virtual Reality to Integrate the Industrial Engineering Curriculum** [[view paper](#)]. Dr. Omar Ashour (Penn State Erie, The Behrend College), Christian Enmanuel Lopez (Pennsylvania State University, University Park), and Dr. Conrad Tucker (Pennsylvania State University, University Park)
4. **Designing Blended Content Modules as Support to Traditional Face-to-Face Delivery: An application to Data Analysis, Inferential Statistics, and Simulation Experiments Courses** [[view paper](#)]. Dr. Leonardo Bedoya-Valencia (Colorado State University, Pueblo), Dr. Yaneth Correa-Martinez (Colorado State University-Pueblo, Hasan School of Business), Mrs. Katherine Sofía Palacio (Fundacion Universidad del Norte), and Dr. Ing. Luceny Guzman Acuña (Universidad del Norte)
5. **Impact of Awarding Scholarships to Current Students** [[view paper](#)]. Prof. Weihang Zhu (University of Houston, College of Technology (MERGED MEMBERSHIP WITH COE)), Prof. Julia Yoo (Affiliation unknown), Dr. James C Curry (Affiliation unknown), Dr. Brian Craig P.E. (Lamar University), Dr. Hsing-wei Chu P.E. (Lamar University), and Dr. Jiang Zhou (Lamar University)

T129-Industrial Engineering Division Technical Session 2

Date and Time: Tuesday, June 18, 8:00 - 9:30 AM

Venue: Grand Salon D, Tampa Marriott Waterside - HQ Hotel

Papers Presented:

1. **Integrating Simulation Games and Virtual Reality to Teach Manufacturing Systems Concepts** [[view paper](#)]. Dr. Faisal Aqlan (Penn State Erie, The Behrend College), Dr. Richard Zhao (Pennsylvania State University), Dr. Heather C Lum (Penn State University), and Dr. Lisa Jo Elliott (The Pennsylvania State University)
2. **Monetizing Life May Be the Ethical Thing to Do** [[view paper](#)]. Dr. Alejandro Salado (Virginia Tech) and Mr. Andrew Katz (Purdue University-Main Campus, West Lafayette (College of Engineering))
3. **Motivating Students for Learning using Scaffolding and a Variety of Assignments and Activities** [[view paper](#)]. Dr. Nadiye O. Erdil (University of New Haven)
4. **Undergraduate Industrial Engineering Majors' Software Preferences for Solving Statistical Process Control and Operations Research Questions** [[view paper](#)]. Dr. Emre Tokgoz (Quinnipiac University)

T419-56-Year Love Affair Revelations

Date and Time: Tuesday, June 18, 1:30 - 3:00 PM

Venue: Room 12, Tampa Convention Center

Moderator: Dr. Letitia M. Pohl

Speaker: Dr. John A. White P.E., University of Arkansas

Event Type: Panel

Session Description: *Drawing on his 56-year career in higher education, Professor White shares his “Keys to ‘A’s in Teaching.” Having taught more than 4,000 engineering students at Arkansas, Georgia Tech, Ohio State, and Virginia Tech, his lecture includes “lessons learned” and “decision points” throughout his journey, as well as the role “luck” played in taking him from being a practicing engineer in industry to being the chancellor at his undergraduate alma mater. For those interested in: Broadening Participation in Engineering and Engineering Technology and New Members. See the detail description [here](#)*

Call for Officer Position

The Industrial Engineering Division is seeking nominations for Secretary/Treasurer for 2019-20. This is the first year of a five-year rotation, which is followed by Assistant Program Chair, 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 Monday, June 17.

IED Board Members Contact Information

The following are the IED officers until the end of the 2019 ASEE Conference. After the conference, the Division Chair, Program Chair, Assistant Program Chair, and Secretary/Treasurer will move up one position.

Division Chair:	Justin Kile justin.kile@quinnipiac.edu / (203) 582-3372
Program Chair:	Paul C. Lynch PCL120@psu.edu / (814) 898 – 6387
Program Chair-Elect:	Ebisa Wollega ebisa.wollega@csupueblo.edu / (719) 549-2848
Secretary/Treasurer:	Raymond Smith III smithraym17@ecu.edu / 252-328-9722
Awards/Past Division Chair:	Gene Dixon dixone@ecu.edu / (252) 737-1031
Directors:	Letitia Pohl (2020) lpohl@uark.edu / (252) 737-1031 Jane Fraser (2019) jane.fraser@colostate-pueblo.edu / (719) 549-2036 Jessica (Matson) Oswald (2019) matson@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 2019 and spring 2020 is Raymond Smith III (smithraym17@ecu.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>.