



Industrial Engineering Division

Message from the Division Chair



Dear IED members,

I hope our fall newsletter arrives finding you healthy and well. Although challenges with ongoing pandemic continue to persist, the return to campus this fall, for many of us, has been a welcome change from our self-isolation of many months.

In July, the 2021 ASEE Annual Conference was held as a virtual conference rather than the planned in person event at the convention center in Long Beach, California. While we could not meet in person, I do believe the virtual conference was a success. During the virtual conference, the division held its planned business meeting, hosted two technical program sessions, and participated in the multi-division social. Thank you to everyone who participated in our program as a speaker, presenter, moderator, reviewer, or audience member. The technical program presentations were excellent this year. Finally, I would like to congratulate this year’s award recipients: John Case, Dereck Kennedy, Michael Sherwin, Bopaya Bidanda, Kierra Marquis, Hannah Levine, and Sanaz Motamedi.

Thank you to our outgoing awards/past division chair Paul Lynch for his hard work to support the division this year. Paul will continue to serve the division in his newly appointed position as a director.

I welcome Sima Sabahi, from the University of Florida, as our new secretary/treasurer for the current term. We are pleased to have her join the division leadership.

Lastly, we invite you to the 2022 ASEE Annual Conference and Exposition in Minneapolis, Minnesota, June 26–29. Please review the call for abstracts and consider submitting your work. The division sponsors a best paper award, new educator award, best student paper award, and travel award.

Raymond Smith

Fall 2021 Newsletter

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2022 ASEE Annual Conference and Exposition

The Industrial Engineering Division (IED) officers encourage the current IED members to plan to attend, as well as invite colleagues to, the 2022 ASEE Annual Conference and Exposition which will be held in Minneapolis, Minnesota June 26-29, 2022. The IED theme for the year is Data Science and Industrial Engineering Education. Here is a [link](#) to the call for papers.

Please note ASEE will no longer be using the Monolith system for paper management. Instead, the new paper management system will be Slayte. The call for papers includes a link to submit your abstract. For this, you will need to log into the Slayte system. Instructions on how to log into account are included below. Registration is required for both submitters and reviewers. Author deadlines are noted in the table below.

Mon. October 11, 2021	Abstract Submissions Open
Mon. November 8, 2021	AUTHOR DEADLINE: Abstract Submission Closed
Mon. February 7, 2022	AUTHOR DEADLINE: Draft Paper Submission Deadline
Mon. March 28, 2022	AUTHOR DEADLINE: Blind Paper with applicable requested revisions
Mon. May 16, 2022	AUTHOR DEADLINE: Author Registration Deadline - Upload final paper – all blind indicators removed - Accept the copyright transfer - Add all co-authors - Update all author bios - Select who is “presenting” in Monolith NO CHANGES of any kind for any papers will be accepted after this date

2021-2022 Current IED Officers

Dr. Sima Sabahi, University of Florida, is the new acting Secretary/Treasurer for the 2021-22 academic year. The full list of the current IED officers for the year ending June 2022 is as presented below.

Division Chair:	Raymond Smith III
Program Chair:	Lisa Bosman
Program Chair-Elect:	McKenzie Landrum
Secretary/Treasurer:	Sima Sabahi
Awards/Past Division Chair:	Ebisa Wollega
Directors:	Leonardo Bedoya-Valencia ('23)
	Paul Lynch ('23)
	Tish Pohl ('22)
	Rick Olson ('22)
Webmaster:	Lawrence Whitman
Diversity Committee Delegate:	Karen Bursic
P12 Committee Delegate:	Justin Kile

2021 ASEE Conference IED Business Meeting Summary

Sixteen members attended the annual IED annual business meeting, which was conducted virtually. Topics discussed include IED paper statistics, IED awards, finance, reviewer expectations, conference attendance, and diversity updates.

The Diversity Commission Delegate, Karen Bursic, introduced the Year of Impact for ASEE for 2021-2022. This will be the Year of Impact on Racial Equity. You can find out more information or get involved here: <https://diversity.asee.org/deicommitee/yire/>.

The Professional Interest Council II (PIC II) Chair, Chell Roberts, discussed several topics. There was a discussion on the reviewer expectations for the Annual Conference and now reviewers will need to indicate that they agree to certain expectations including: reading the entire submission, critically assessing the extent to which a submission meets specified guidelines, providing constructive feedback, using respectful language, and submitting the review in a timely manner.

Another discussion occurred on the topic of the 2022 Conference. A new Paper Management System, Slayte, will be used for the conference and authors and reviewers will need to use this new platform. ASEE is also currently indicating that they will require all staff, members, participants, and guest to attest that they have been vaccinated for COVID-19.

The ASEE annual conference attendance was 3,110 (-153 from 2020), the quantity of published papers was 1713 (-49 from 2020), and the quantity of unique authors was 1374 (-49 from 2020). As of 2021 Q2, individual ASEE membership is down 2.7%, institutional non-academic membership is down 17.39%, and institutional academic membership is up 0.7%.

The IED program chair, Raymond Smith, presented the following IED conference papers statistics comparing the current year to the past five years. Overall, the number of papers presented increased over the past year.

	2021	2020	2019	2018	2017	2016
Abstracts submitted	21	21	15	36	19	27
Abstracts accepted	19	17	-	-	-	-
Drafts submitted	12	10	9	24	-	-
Drafts rejected	2	0	0	2	2	-
Final papers submitted	10	7	9	21	-	-
Papers transferred	0	0	0	0	-	-
Papers published	10	7	9	21	9	16
Diversity related	0	1	2	7	2	-
Posters	0	0	0	2	1	0
Panels	0	0	0	0	1	0
Reviewers pool	63	41	31	60	63	-
Reviewers assigned	44	36	17	51	36	-
No. of reviews completed per paper (average)	Abstract = 3.3 Draft = 4.2	Abstract = 3.4 Draft = 4.5	-	-	-	-

2021 Awards

IED Best Paper Award

- “Using Quizzes Effectively: Understanding the Effects of Quiz Timing on Student Motivation and Knowledge Retention” by Major John Case (United States Military Academy), and Major Dereck Kennedy (United States Military Academy)

New IE Educator Outstanding Paper Award

- “Effects of Pedagogical Changes to an Engineering Capstone Design Course During the COVID-19 Pandemic” by Dr. Michael Daniel Sherwin (University of Pittsburgh)
- Co-Author: Dr. Bopaya Bidanda (University of Pittsburgh)

IED Outstanding Student Paper Award

- “Understanding E-learning Acceptance of Gen Z Students: An Extension of the Technology Acceptance Model (TAM)” by Kierra Marquis (University of Florida), Hannah Levine (University of Florida)
- Co-Author: Dr. Sanaz Motamedi (University of Florida)

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 spring 2022 is McKenzie Landrum (landrum@ise.ufl.edu). Anything that might be of interest to members are 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>.

Slayte Login Instructions

You have three actions you can take, depending on:

- If you've logged in to the new system (Slayte) since 10/11/2021, then please enter the email and password you created. Then click the green Login button.
- If you've logged into ASEE.com at any time before 10/11/2012, since your old password needs to be reset for our new system, click the "here" hyperlink under "Forgot your password". Check your inbox or junk mail from an email from ASEE with subject line, "Reset your password". Click the link in the email. The Change Password screen displays. Enter your new password and confirm by re-entering the same password. Click the blue Change Password button. The

- If you do not know if you've logged into ASEE.org before, click the "Create an account" link and fill out the required fields and click the green Create Account button. You can then add additional details or skip through the following windows. If your email is already on record with ASEE, you will receive an error message. Click on the green Forgot Password button, check your inbox, or junk mail and use that email to reset your password.