



American Society for Engineering Education Illinois-Indiana Section Newsletter

“Reflecting on the Path of Engineering Education: Transforming the Field” at 2018 Conference at Purdue

The ASEE IL-IN Section Conference will be held at Purdue University, West Lafayette, on Saturday, March 24, 2018, from 8:00 a.m. to 5:00 p.m. Rooms will be available in the Union Club Hotel on the previous night.

Conference Highlights:

- Talks by 2016 & 2017 ASEE IL-IN Outstanding-Teacher-of-the-Year Maria Gershutz, Trine University, and Matt Lovell, Rose-Hulman, respectively
- Panel of Purdue’s School of Engineering Education Industrial Advisory Board members discussing the use of educational research in industry
- Panel of local K-12 teachers on STEM research needed for their classrooms
- Editors/Engineering Education professors Michael Loui and Monica Cardella discussing how to get published
- Undergraduate and graduate poster competitions



A replica of the Apollo I capsule hangs in the atrium in the Neil Armstrong Hall of Engineering, one of the conference venues.

Call for Abstracts—<http://ENGINEERING.PURDUE.EDU/ASEE2018ILIN>

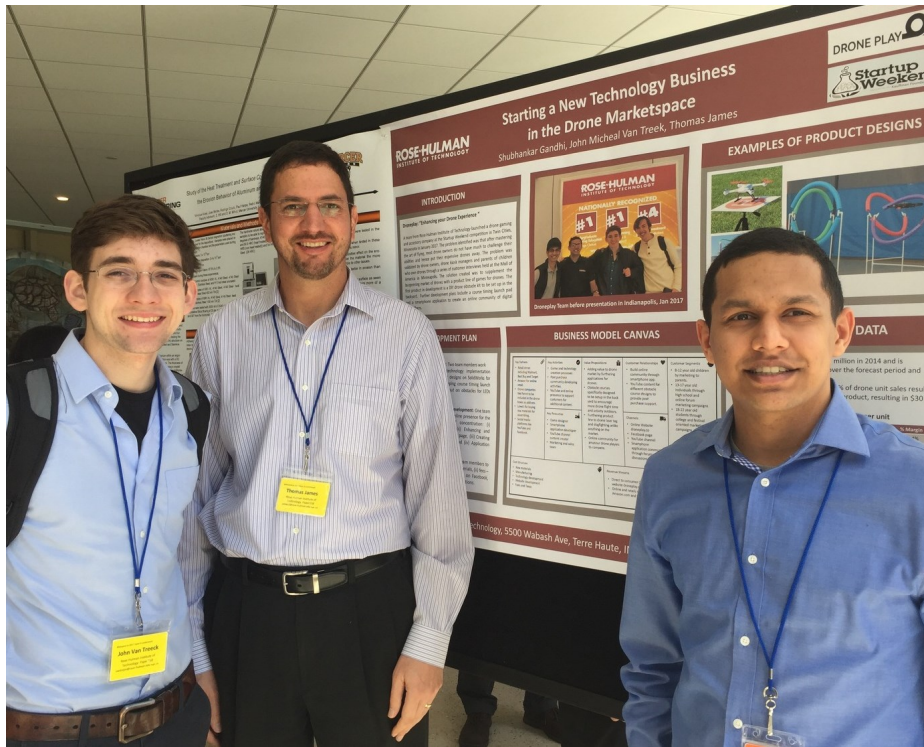
Submission Schedule for Abstracts, Papers, Posters

Friday, September 15	Abstracts for papers and posters due
Friday, September 22	Authors notified about acceptance
Friday, November 17	Manuscripts, poster PDFs from authors for review
Friday, December 15	Reviewed manuscripts, poster PDFs returned to authors
Monday, January 22	Final manuscripts, poster PDFs due from authors
Monday, February 5	Deadline for presenters to register for conference

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Highlights from ASEE Zone II in San Juan, Puerto Rico, March 2017



Rose-Hulman students John Van Treek, left, and Shubhankar Gandhi, right, stand in front of their winning poster, “Starting a New Technology Business in the Drone Marketplace” with their professor Thomas James.

John Van Treek and Thomas James also earned the ASEE IL-IN Best Paper Award for “Comparison of Student and Faculty Perceptions of Intent and Effectiveness of Course Evaluations in an Engineering Curriculum.”

ASEE Council of Sections, Zone II Chair Gary Steffen, on the right, presents chair Tom Trusty with the Illinois-Indiana Service Award. Other Section awards were presented (*in absentia*) to the following people:

- Outstanding Teacher-of-the-Year: Matt Lovell, Rose-Hulman professor of Civil Engineering
- Campus Representative: Ryan Fries, Southern Illinois University professor of Civil Engineering.



This green iguana, sunbathing in the conference hotel garden, should have won a prize for the largest iguana on the property—it was around four feet long from head to tail. Green iguanas are not native to Puerto Rico but were introduced as pets several decades ago. Since they have no natural predators and reproduce prolifically, these iguanas now number in the millions in Puerto Rico. Conference-goers saw many more of the species on the beaches surrounding the hotel.



Get Involved with ASEE IL-IN!

Volunteer to
be a campus
representative
for your insti-
tution or be-
come a sec-
tion officer.

To learn more,
contact

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Dear ASEE Illinois-Indiana Members,

In the past we have published our newsletter in the fall, but with so much going on in and around our section we wanted to let everyone one know about all the great opportunities. Let me start by introducing myself. I am an associate professor at Trine University and have served as the Vice-Chair for the Illinois-Indiana Section for the last two years. I am also involved with ASEE Aerospace Division, and I was its program chair in 2015. As I become Section Chair, I am looking forward to the next two years as we work together to increase involvement in our section. One great way to do this is to present at or attend the Section Conference. After the 2017 Zone 2 meeting in March 2017, we will have the 2018 Illinois Section Conference, hosted by Purdue University on March 24. The Section Conference is a great (and inexpensive) way to present a paper about engineering pedagogy and meet like-minded individuals. There is much more about the 2018 conference in other parts of the newsletter.

Speaking of the 2017 Zone meeting, approximately 20 papers from our section were presented along with several awards. The Indiana-Illinois best paper was presented to Rose-Hulman professor Thomas James and student John Van Treeck for their paper titled "Comparison of Student and Faculty Perceptions of Intent and Effectiveness of Course Evaluations in an Engineering Curriculum. Additionally, the Outstanding Teacher-of-the-Year was awarded to Rose-Hulman professor Matt Lovell. Please join me in congratulating them on their awards.

As I am sure you are all aware, the 124th ASEE Annual Conference & Exposition is on Columbus, OH, from June 25 – 28. While there are no ASEE hotel rooms left, there are plenty of opportunities to stay in Columbus using other means. If you are attending, consider seeking out presentations from Indiana-Illinois section members. You might just be able to find a future collaborator who is near your home institution.

As we move into the 2017-2018 year, I would like to welcome two new officers to our section. Charles McIntyre will join as the Vice-Chair and Patricia Fox as the Treasurer. Both are from IUPUI. I look forward to working with them over the next two years. Also, I would like to thank Khaled Zbeeb for his services as Treasurer over the last two years. As you all know, ASEE has been going through a complete reorganization of its business processes, and this has made the job of treasurer difficult. So I think Khaled deserves a special thank-you for keeping track of the section budget during this time.

Finally, I would be remiss if I did not thank Tom Trusty for his service as Chair over the last two years. In addition to his chair responsibilities, Tom was the Section Webmaster and the Trine University Campus Representative. In recognition of all he has done, he was awarded the Section Service Award. Luckily for me, Tom will remain on the board as the Past Chair and Webmaster, so I can look forward to continuing to work with him as well as the new or returning board members.

So, if you see me in Columbus, West Lafayette, or near Trine University, make sure to say hi and let me know your thoughts on improving our section.

Best wishes,

Jamie Canino

ASEE IL-IN Officers (2017-2018)

Name	Position	Institution	Email
Tom Trusty	Past Chair, Awards & Webmaster	Trine	trustyt@trine.edu
Jamie Canino	Chair	Trine	caninoj@trine.edu
Charles McIntyre	Chair-Elect	IUPUI	chmcinty@iupui.edu
Patricia Fox	Treasurer	IUPUI	psfox@iupui.edu
Gary Steffen	Section Campus Representative	IPFW	steffen@ipfw.edu
Jim Hanson	Secretary	Rose-Hulman	James.hanson@rose-hulman.edu
Joanne Lax	Newsletter editor	Purdue W. Lafayette	jlax@purdue.edu



ASEE IL-IN welcomes new board members, Charles McIntyre and Pat Fox, both from IUPUI.

Q: Interested in hosting a future ASEE IL-IN Section Conference on your campus?

A: Contact Jamie Canino:

Caninoj@trine.edu

Congratulations to New ASEE National Officers Doug Tougaw and Peter Schmidt!



Valparaiso University Department Chair and Professor of Electrical and Computer Engineering and former Section board member Doug Tougaw was recently elected ASEE Vice President for Finance. Tougaw has held various Section officer positions in the past.



Peter Schmidt, mechanical engineering professor at the University of Evansville, is the Chair of Professional Interest Council II.