



# American Society for Engineering Education Illinois/Indiana Section Newsletter

Issue # 6

October 2013

## 2014 Conference Website:

[www.rose-hulman.edu/ASEERosE](http://www.rose-hulman.edu/ASEERosE)

## Abstracts due November 1

## 2014 Conference Highlights:

- ⇒ **ASEE IL/IN 2013 Outstanding Teacher, Jeffrey Will, will speak**
- ⇒ **Pre-Conference Workshops**
- ⇒ **Undergraduate Student Poster Session**
- ⇒ **Tours of Branam Innovation Center, Ventures, and the RHIT campus**

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## ASEE IL/IN and RosEvaluation Conferences Team Up for Joint Conference at Rose-Hulman

In the spirit of engineering collaboration and innovation, ASEE IL/IN will join the RosEvaluation conference, an annual meeting devoted to developing assessment and evaluation tools, on the Rose-Hulman Institute of Technology campus in Terre Haute, Indiana, on March 7-8, 2014.

This unique collaboration will allow attendees at either conference to select from sessions and workshops from either track. The conference venues will be the Hulman Memorial Union (below, left) and New Olin Hall (below, right).



wide variety of topics related in engineering and engineering technology education. In addition, proposals for  
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There are opportunities for faculty, graduate students, and undergraduates to present their work at the conference. Abstracts for papers and posters may be submitted on a



## Important dates for the 2014 Conference

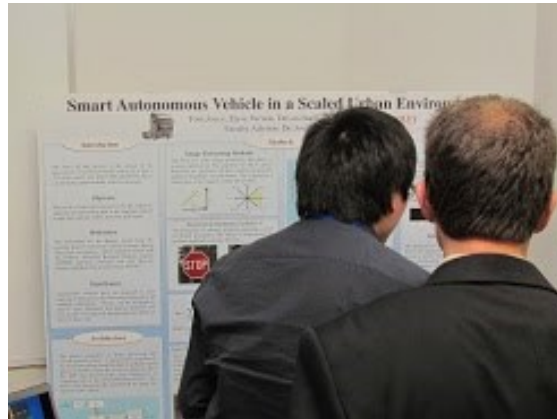
Faculty* Papers	Due Dates	Workshop Proposals
Abstract Submission Due	November 1, 2013	Workshop Submission Due
Abstract Acceptance Notification	November 15, 2013	Workshop Acceptance Notification
Full Manuscript Due	December 16, 2013	N/A
Reviews to the Author(s)	January 10, 2014	If applicable/Suggested changes to Submitter
Final Manuscript Due	January 31, 2014	Final Changes Due
At least one author must complete a conference registration	February 14, 2014	At least one author must complete a conference registration

## The 2013 Conference in Photos



2013 Conference and Awards Chair Dr. Carmine Polito congratulates Prof. Tom Trusty (above), Trine University professor and ASEE IL/IN S2013 Conference Chair, for his selection as the 2013 Outstanding Service winner.

Jeffrey D. Will and Doug Tougaw, Valparaiso University professors, accept the Best Paper Award for "Problem-Based Learning to Promote Student Creativity (right). Dr. Will (holding the award) also won the 2013 Outstanding Teacher Award and will speak at the 2014 conference.



The first prize winners for undergraduate posters went to a project out of Bradley University, "Smart Autonomous Vehicle in a Scaled Urban Environment" (left). Dr. José Sánchez advised the student team consisting of Frayne Go, Thomas Joyce, and Elyse Vernon.



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longer workshops, to be scheduled on the first day of the conference, are solicited as well.

Rose-Hulman, founded in 1874, enrolls around 2100 undergraduates, and has been rated the best undergraduate engineering program in the U.S. by *U.S. News & World Reports* for the past 15 years. Conference-goers will be able to tour the campus and some of the facilities that make Rose-

Hulman's engineering program so special. These include Ventures ([www.rhventures.org](http://www.rhventures.org)), a facility that promotes university and industry interaction in developing innovative technology. In addition, the Braman Innovation Center (shown at right), houses several student competitive teams that are part of the Advanced Transportation System Program.



## From the Section Chair:

Friends, colleagues and fellow ASEE members, I bring greetings and best wishes from Valpo! As your newly elected chair, I look forward to working with all of you to help improve engineering education in the states of Illinois and Indiana (and beyond). But first allow me to introduce myself if we haven't met, my name is Carmine Polito and I am an Associate Professor of Civil Engineering at Valparaiso University. Those of you who keep track of such things (and I'm not sure that anyone, besides my mother, does) will remember that I previously served as Section Chair from 2009 through 2011.

We are coming off of a great sectional conference held last spring at Trine University in Angola, Indiana, and are looking forward to our next conference to be held this spring.

Looking forward, the future of our section appears mixed. On the bright side, we are fiscally very healthy (a rarity it seems among institutions these days) and we have a dedicated, if small, core of officers and other members who handle section business such as running the section and organizing the annual section conference. The darker side, though by no means bleak, is that looking forward I have concerns about the sustainability of the section unless we can get more participation among the membership.

I urge you to take a more involved role in the sectional conference and to consider becoming a sectional officer. There are many advantages to participating in the section conference. Perhaps the biggest is that by taking part, you will, I promise, learn at least three or four things that will improve your teaching; I am assuming that if you are taking the time to read this column, the quality of your teaching is something that is important to you. Additionally, the conference is a great way to publish and present, something I have found that promotion and tenure committees tend to look favorably upon.

Serving as a sectional officer is an even better way to become involved. The workload is not onerous; we meet twice a year, once at the sectional conference spring and once in the fall at the next conference site or by phone. You get to work with some amazing people who share your passion for engineering education. It is also, perhaps above all, a chance to give back to the profession we so deeply care about. If you want to know more about opportunities to become a board member send me an email or simply stop me or any other board member at the sectional conference and we'll be glad to help you out.



Our next sectional conference will be held in March at Rose-Hulman in Terre Haute, and if it is anything like the last conference we had there, it will be fantastic. They're currently accepting abstracts, so stop reading this column, think up a topic that you're excited about, and submit an abstract!

Until we meet in Terre Haute,  
Carmine



Interested in  
participating in  
the ASEE IL/IN  
section?



- Become a campus representative for your institution
- Become a section officer



To learn how you  
can volunteer, con-  
tact

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## From the Zone II Chair:



Greetings to the ASEE Illinois/Indiana Section! It is a pleasure to serve as your Zone II Chair. The Zone II also includes The North Central and Southeastern Sections. The four Zone Chairs are part of the national ASEE Board of Directors for a term of two years. I had the pleasure of serving on this Board for the February 2013 meeting held in Mesa, Arizona and in the annual national conference at Atlanta, Georgia (June 2013). There will be two more board meetings in 2014 – one during Spring and the last one will be during the annual Conference in June where

the new Zone II Chair will embark in this journey. The new Zone II Chair Elect is Ruby Mawasha, Assistant Dean at Wright State University in Dayton, OH.

The Zone II selections this year were:

Best Zone II Paper selection from the three Sections' best papers - "Engaging K-12 Teachers in Engineering Innovation and Design: Lessons Learned from a Pilot NSF Research Experience for Teachers Program" by Margaret Pinnell, Suzanne Franco, Sandi Preiss, Rebecca Blust and Renee Beach from University of Dayton and Wright State University.



Outstanding Campus Representative for Zone II selection - Christopher J. Rowe from Vanderbilt University.

I hope to see you at Rose-Hulman in March!

Barbara Bernal  
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## ASEE IL/IN Officers (2013-2014)

Name	Position	Institution	Email
Carmine Polito	Chair	Valparaiso University	Carmine.Polito@valpo.edu
Tom Trusty	Chair-Elect & Webmaster	Trine University	trusty@trine.edu
Sharon Sauer	Past Chair & Awards	Rose-Hulman	sauer@rose-hulman.edu
Gary Steffen	Section Campus Representative	IUPUI Fort Wayne	steffen@ipfw.edu
Allen Hersel	Treasurer	Trine University	hersela@trine.edu
James Hanson	Secretary	Rose-Hulman	james.hanson@rose-hulman.edu
Joanne Lax	Newsletter Editor	Purdue U., West Lafayette	jlax@purdue.edu
Barbara Bernal	Zone II Chair	Southern Polytechnic State	bbernal@spsu.edu