



American Society for Engineering Education Illinois/Indiana Section Newsletter



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Table of Contents

Important ASEE IL/IN Deadlines	Page 1
2008 ASEE IL/IN Conference	Page 1
Highlights of the 2007 Conference	Page 2
2007 Conference Awards	Page 2
2008 Section Award Nominations	Page 3
2007 Section Award Winners	Page 3
Leadership Opportunities	Page 3
Web Site Information	Page 3
2007-08 Section Officers	Page 4

Important ASEE IL/IN Deadlines

Paper Abstract Submission Due	10/31/07
Workshop Proposals Due	10/31/07
Abstract Review Complete.....	11/28/07
Workshop Acceptance Notification	11/30/07
Manuscript Due	1/9/08
Revised Workshop Proposals Due	1/9/08
Manuscript Review Complete	1/30/08
Manuscript Revisions Due	2/20/08
Early Registration Deadline (\$125).....	3/2/08
At Least One Author Must Be Registered	3/2/08
Regular Registration Deadline (\$150).....	3/21/08
On-Site Registration (\$175)	4/3/08
2008 Conference Begins	4/3/08

2008 ASEE IL/IN Conference

The 2008 annual conference of the Illinois/Indiana section will be held April 3-5 at Rose-Hulman Institute of Technology in Terre Haute, IN. The theme of the 2008 conference will be “**Engineering Education at the Crossroads,**” recognizing both the important decisions to be made in the field of engineering education over the next decade as well as Terre Haute’s historical nickname as the “Crossroads of America.”

A major emphasis of this year’s conference will be “**Putting Dialogue Into Practice.**” Papers will be presented on many topics, including:

- ABET Accreditation**
- Diversity Recruitment and Retention Programs**
- Educating for Sustainable Energy**
- Educational Methods**
- Engineering and Engineering Tech. Curricula**
- Entrepreneurial Opportunities**
- Fostering Undergraduate Research**
- Freshman Engineering Programs**
- Industrial Leadership**
- Industrial Partnerships**
- Innovative Teaching Methods**
- Interdisciplinary Approaches**
- K-12 Outreach**
- Learning Communities**
- Life-long Learning**
- Outcomes Assessment**
- Technology in the Classroom**

Rose-Hulman is one of the most highly regarded centers for undergraduate engineering education in the nation, and their focus on innovative curricula, assessment, and continual improvement will provide a great setting for this conference.

If you have questions, please contact conference chairperson Sharon Sauer at 812-877-8527 or sauer@rose-hulman.edu.

Highlights of the 2007 ASEE IL/IN Annual Conference

The 2007 ASEE IL/IN annual conference was hosted by IUPUI on March 30-31 at the Brickyard Crossing adjacent to the Indianapolis Motor Speedway. A total of 157 attendees were present, including faculty, industrial colleagues, and students. Motor sports and biomedical engineering were two special areas that were emphasized at the conference.

The weekend kicked off on Friday with tours of the Indianapolis Motor Speedway Museum and the racetrack itself, followed by two technical sessions and a welcome reception with hors d'oeuvres on Friday night.

Saturday included a combination of technical sessions, networking opportunities, and student poster presentations. Overall, 67 papers were presented in 13 sessions along with 39 student posters.

Lunch included a keynote address by Dr. James Melsa, the President-Elect of ASEE national and Dean Emeritus of Iowa State University College of Engineering

Lunch also provided an opportunity to discuss the ASEE Year of Dialogue, which has focused on three important questions:

- How can engineering and engineering technology faculty be encouraged to learn about current research results in engineering education and to adopt proven best practices in their own courses and curricula?
- What can be done to encourage engineering educators to perform scientific and applied research in engineering education?
- How can scholarship in engineering education be best assessed, evaluated, and disseminated?

These questions were first introduced at the 2006 National ASEE Conference in Chicago, and they have been discussed at sectional conferences around the nation. J.P. Mohsen moderated the discussion of these questions at the IL/IN section conference.

The conference ended with a dinner on Saturday night. The dinner speaker was Dr. Gerald Jakubowski, Past-President of ASEE National, Chairman of ABET-EAC, and President of Rose-Hulman Institute of Technology.

The conference was very well organized and beneficial to all those in attendance. Special thanks go to Pete Hylton, Pat Fox, Rich Pfile, Ken Rennels, and Charlie Feldhaus, who put many hours into the preparation and execution of a great conference. Special thanks should also be given to Rolls Royce, BSA Life Structures, Purdue University, Delphi, and IUPUI, each of which provided sponsorship support for the event.

2007 Conference Awards

Several conference awards were given at the 2007 conference to recognize outstanding faculty papers and outstanding student posters. The recipients were:

Outstanding Paper Award

“An Interdisciplinary Student Design Project Involving Electrical and Mechanical Engineering”
Jon Marstrander and Tina Oliver
University of Alabama

Outstanding Student Poster Award, 1st Prize

“Obodan Sustainable Development Center”
Kristen Miller, Yaw Aning, and Joel Anderson
Rose-Hulman Institute of Technology

Outstanding Student Poster Award, 2nd Prize

“Delivering Core Engineering Concepts to Secondary Level Technology Education Students”
Y. Zeng, M. Westrick, and J. Daughtery
University of Illinois

Outstanding Student Poster Award, 3rd Prize

“An Alternative Technique for Wind Turbine Efficiency Testing Using a Full-Scale Model”
David Peretz and Joseph Nugent
Rochester Institute of Technology

2008 Section Award Nominations

We are currently seeking nominations for three awards for the ASEE IL/IN section, all of which will be presented at the 2008 annual section conference.

The **Section Outstanding Teaching Award** is given to one professor who teaches engineering or technology at an institution in Illinois or Indiana. The winner will be selected based on excellence as a teacher, both inside the classroom and in working with students outside the classroom. S/he will exhibit an ability to instill enthusiasm and passion in his/her students.

The **Section Outstanding Service Award** is given to one section member who has exhibited outstanding service, either to the ASEE or to the engineering education profession as a whole.

The **Section Outstanding Campus Representative Award** is given to one campus representative who has done the most to promote ASEE activities and membership on his/her campus. To be eligible, the nominated campus representative must have submitted the annual report for his/her campus during the preceding year.

If you are interested in nominating someone (including yourself) for any of these awards, please forward a current CV and a cover letter explaining why the nominee should be considered for this award to the Awards Chair, Robert Hofinger, at rhofinger@purdue.edu.

To learn more about these awards, please visit:
<http://www.asee.org/activities/awards/section.cfm>

2007 Section Award Winners

The following awards were announced at the 2007 section conference:

Section Outstanding Service Award

Robert Hofinger, Purdue University

Section Outstanding Campus Rep. Award

Hosni Abu-Mulaweh, Purdue University

(The section outstanding teaching award was not presented in 2007.)

Leadership Opportunities

The Illinois/Indiana section is always looking for volunteers who want to make a difference. The current officers all come from five universities, and all five of those universities are from Indiana. That leaves almost twenty universities in our section who do not have representation on the executive board! We would love to see **greater diversity** of people on the board, because it would lead to **better programs** that would benefit a wider cross-section of our members.

If you are interested in becoming an officer of the section, **please contact any of the current officers**. They can help you to understand the relatively small time commitment that would be required to help improve the section, which will in turn help each of us to become **better educators**.

Web Site Information

The primary web site of the ASEE IL/IN section can be found at the following address:

<http://www.asee4ilin.org/>

This web site provides a permanent archive of section officers, bylaws, constitution, and institutional members. It also includes links to annual meeting web sites dating back to 2003, and an archive of the meeting minutes of the executive board for the past five years.

If you have any questions or suggestions concerning the section web site, please direct them to section webmaster Mark Johnson at (765) 494-0636 or by email at mcjohnso@purdue.edu.

The web site for the 2008 conference at Rose-Hulman can be found at the following address:

<http://www.rose-hulman.edu/aseeilin2008>

This web site includes detailed information about the 2008 conference, including author information, deadlines, registration, directions, and accommodations. If you have any questions or suggestions concerning the conference web site, please direct them to program chair Sharon Sauer at (812) 877-8527 or sauer@rose-hulman.edu.

American Society for Engineering Education Illinois/Indiana Section Executive Board

Chair

Gary Steffen
IPFW
Electrical & Comp. Eng. Tech.
2101 Coliseum Blvd.
East Fort Wayne, IN 46805
Phone: (260) 481-6344
steffen@ipfw.edu

Chair-Elect

Carmin Polito
Valparaiso University
Civil Engineering
1900 Chapel Drive
Valparaiso, IN 46383
Phone: (219) 464-6985
carmin.polito@valpo.edu

Secretary

Mark Johnson
Purdue University
Electrical & Comp. Engineering
465 Northwestern Ave.
West Lafayette, IN 47907-2035
Phone: (765) 494-0636
mcjohnso@purdue.edu

Treasurer

Carmin Polito
Valparaiso University
Civil Engineering
1900 Chapel Drive
Valparaiso, IN 46383
Phone: (219) 464-6985
carmin.polito@valpo.edu

Program Chair

Sharon Sauer
Rose-Hulman Inst. of Technology
Chemical Engineering
5500 Wabash Ave.
Terre Haute, IN 47803
Phone: (812) 877-8527
sauer@rose-hulman.edu

Section Campus Representative

Richard Pfile
IUPUI
Electrical Engineering Tech.
799 West Michigan St.
Indianapolis, IN 46202-5160
Phone: (317) 274-2756
rpfile@iupui.edu

Webmaster

Mark Johnson
Purdue University
Electrical & Comp. Engineering
465 Northwestern Ave.
West Lafayette, IN 47907-2035
Phone: (765) 494-0636
mcjohnso@purdue.edu

Awards Chair

Robert Hofinger
Purdue University
Electrical & Comp. Eng. Tech.
3824 Windward Place
West Lafayette, IN 47906-8629
rhofinger@purdue.edu

Editor

Doug Tougaw
Valparaiso University
Electrical & Comp. Engineering
1900 Chapel Drive
Valparaiso, IN 46383
Phone: (219) 464-5027
doug.tougaw@valpo.edu

Past Chair

Robert Hofinger
Purdue University
Electrical & Comp. Eng. Tech.
3824 Windward Place
West Lafayette, IN 47906-8629
rhofinger@purdue.edu

ASEE IL/IN Section Newsletter

Doug Tougaw, Editor
1900 Chapel Drive
Valparaiso University
Valparaiso, IN 46383