University of Louisville to Host 2007 Conference

The J. B. Speed School of Engineering, the college of engineering at the University of Louisville, will be hosting the 2007 ASEE Southeastern Section conference. The Speed Scientific School was established in 1925, as a result of an endowment from the James Breckenridge Speed Foundation. In 2003, with input from alumni, faculty, staff, students and the Industrial Board of Advisors, the Speed Scientific School officially changed its name to the J. B. Speed School of Engineering. Speed School offers the Bachelor of Science degree, as well as an ABET-Accredited Master of Engineering degree, in seven disciplines. All Speed School students participate in a mandatory cooperative education program as part of their undergraduate degree program. During a year of full-time work, students have the opportunity to apply the concepts learned in the classroom to the worlds of business, technology, government, and industry. Located in Louisville, Kentucky, the 16th largest city in the U. S., conference attendees will find Louisville has much more to offer than just the world famous Kentucky Derby. The Brown Hotel, the site for the conference, is a historic four-diamond hotel located in downtown Louisville. The hotel also hosts a four-diamond restaurant headed by renowned chef Joe Castro. The hotel is close to shopping and to many of the attractions the city has to offer. More information on the hotel can be found by visiting their web site at: http://www.brownhotel.com/.

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President Houston’s Message

It only seems like yesterday that I taught my first group of students, but that was 26 years ago. Over the years, engineering education has adapted to changes from inside, as well as outside the profession. During all of these changes, I have found that ASEE national has maintained a strong emphasis on teaching. The same is true of the ASEE Southeastern Section.

I truly enjoy the annual Section meetings and invite you to attend the annual conference hosted by the University of Louisville on April 1-3, 2007. The conference theme,
ASEE Southeastern Section Annual Conference
April 1-3, 2007

J.B. Speed School of Engineering
University of Louisville
Louisville, Kentucky

Advancing Scholarship in Engineering Education:
Lessons Learned from a Year of Dialogue

Call for Papers and Presentation Abstracts

Authors are invited to submit full-length manuscripts for presentation at the conference and inclusion in the conference proceedings. Papers addressing the conference theme “Advancing Scholarship in Engineering: Lessons Learned from a Year of Dialogue” have first priority and may include topics such as:

- ABET Accreditation
- Communications
- Distance Education
- Diversity Recruitment and Retention Programs
- Education Methods
- Engineering and Engineering Technology Curricula
- Fostering Undergraduate Research
- Freshman Engineering Programs
- Industrial Partnerships
- Innovative Classroom Practice
- Innovative Teaching Methods
- Interactive Engineering Education Using Pen-based Technology
- K-12 Initiatives
- Learning Communities
- Life-long Learning
- Outcomes Assessment
- Professional Development
- Retention Issues
- Web Technology

Authors may address other topics of interest to the engineering education community as well. Guidelines for preparing the manuscripts are available at http://cee.citadel.edu/asee-se/. This is a peer reviewed conference. Papers will be accepted on the basis of peer review of the complete manuscript. All accepted papers will be included in the conference proceedings. Authors of accepted papers are expected to present their papers at the conference to facilitate the transfer of knowledge through discussion and debate.

In addition to full manuscripts, a limited number of abstracts may be accepted for presentation. These abstracts will be published in the book of abstracts, but will neither be peer reviewed nor included in the reviewed proceedings.

We anticipate a session discussing student posters and student experiences in engineering education (design projects, research, etc.) Information on student posters will be available in the fall.

Schedule for submission of papers and abstracts

- September 22, 2006 – Abstracts submitted for consideration
- October 6, 2006 – Authors notified regarding acceptance
- December 1, 2006 – Manuscript due from authors for review
- January 5, 2007 – Reviewed manuscripts returned to authors
- February 2, 2007 – Final manuscript and extended abstract due from authors

Electronically submit a 250–300 word abstract by September 22, 2005 to

Technical Program Chair
Dr. Keith Plemmons
keith.plemmons@citadel.edu

For further information about the conference site, please contact:

Dr. Michael L. Day, P.E.  Dr. J. P. Mohsen
Associate Dean  Professor and Chair, CEE
day@louisville.edu  jpm@louisville.edu
Highlights of Conference at Tuscaloosa

The 2006 Annual ASEE-SE Section meeting was hosted by the University of Alabama on April 2-4 in Tuscaloosa, Alabama. Some 106 engineering educators and 20 students attended the conference which included approximately 75 papers on the technical program. “Best Practices in Engineering Education” was the conference theme.

On Sunday, two workshops were available for those attending the conference. One workshop conducted by Fred O’Bryant, Librarian for Applied Sciences at the University of Virginia, was on “Effective Use of Internet Resources for Teaching, Learning and Research.” A second workshop entitled “Experiential Learning Activities for Engineering Education,” was conducted by Jessica O. Matson and Kenneth W. Hunter, Sr. of Tennessee Technological University. Following the workshops, a welcome reception was held at the Four Points by Sheraton Tuscaloosa Capstone Hotel on the University of Alabama campus.

First on Monday’s agenda at the Bryant Conference Center was the keynote address, which was delivered by David J. Nash, U. S. Navy (retired). Rear Admiral Nash is the president of the Government Group of BE&K, an international engineering and construction company. His impressive record of naval service and professional experience includes director of the Iraq Program Management Office; Commander, Naval Facilities Engineering Command and Chief of Civil Engineers; Commander, Pacific Division Naval Facilities Command; service for Parsons Brinkerhoff Construction Services as Program Director with the General Motors Corporation at the Warren Technical Center Campus in Warren, MI and Director for the Automotive/Industrial Division; and President for PB Buildings.

The second annual Student Poster Competition was again a popular event for engineering educators and students alike. Award recipients in the various categories of the poster competition are shown on Page 4. Awards for both students and engineering educators were presented at the awards banquet on Monday evening.

Entertainment was provided by the Alabama Girls Touring Choir, which had just returned from a tour to Germany and Austria during Spring Break with singing concerts at Salzburg Dom, Schorndorf Schools, and Vienna Karlskirche. Choir director “Doff” Proctor earned a Bachelor of Music Degree in Vocal Performance from the University of Alabama, a Master of Music Degree in Vocal Performance from the Cleveland Institute of Music, and an Artist’s Diploma from the Conservatory of Music in Geneva, Switzerland. For 15 years he sang leading lyric baritone and tenor roles across the United States and in Europe.

Campus Rep Corner

Colleagues:

First and foremost, I would like to thank each and every one of you for the work and effort in promoting ASEE this past year at your Institution as your Campus Representative. You are a vital part of the ASEE organization, and without your help, ASEE would not be able to be the outstanding organization that it is. Your activities also directly contribute to the success of the Southeastern Section, and for that I am personally grateful.

One of your annual activities includes the submission of an activity report to National so that they can be kept informed as to what took place during the previous year. These reports are also used to help determine who should receive the Section’s Outstanding Campus Representative Award. Based on this year’s Selection Committee recommendation, headed by Peter Hoadley from VMI, Kevin C. Bower from The Citadel was chosen. Please join me in congratulating Kevin on a job well done. Hopefully, next year you will receive this Award.

In closing, I want to thank the Section for allowing me to continue to serve as Campus Reps Coordinator, and would encourage any of you who have questions or suggestions, to please contact me.

Thomas R. Dion
Campus Reps Coordinator
“Advancing Scholarship in Engineering Education: Lessons Learned From a Year of Dialogue”, targets all areas of engineering education and offers something for everyone. Conference sessions range from workshops, to peer reviewed papers, to focused panel discussions. The third annual student poster session will highlight design projects and research experiences. If these activities are not enough, the city of Louisville offers many additional activities for attendees.

I am certain that many of you are doing exciting things in the classroom or laboratory that would be interesting to share. Let me encourage you to submit an abstract for a peer-reviewed paper or a presentation so that you can share your experience with us. I have found that every conference provides a number of networking opportunities with colleagues that are invaluable. I am certain that you will have similar experiences, so mark your calendar now, April 1-3, for the 2007 ASEE Southeastern Section Conference.

The division officers and your campus representatives are available to assist you. I can be reached at shelton.houston@usm.edu and will do my best to support and promote the Southeastern Section.

In closing, I would like to take this opportunity to publicly thank Laura Lackey of Mercer University for her exemplary leadership as President this past year. I also want to thank the 2005-2006 officers and the reviewers who ensured that the 2005 Conference in Tuscaloosa was a success. I look forward to seeing you in Louisville.

Shelton Houston
**Section Awards for Excellence**

At the 2006 Annual Meeting in Tuscaloosa, a number of awards were given for excellence in engineering education. The list of recipients and the awards are:

- **Section Outstanding Teaching Award**: Peter W. Hoadley, Virginia Military Institute
- **Section Outstanding New Teacher Award**: Dr. Charles B. Bott, Virginia Military Institute
- **Section New Faculty Research Award**: Timothy W. Mays, The Citadel
- **New Faculty Research Award Second Place (Tie)**: Qin (Jim) Chen, University of South Alabama; Priscilla June Hill, Mississippi State University
- **Thomas Evans Instructional Paper Award**: Joseph J. Biernacki, Tennessee Technological University
- **Outstanding Campus Representative Award**: Kevin C. Bower, The Citadel
- **Tony Tilmans Service Award**: Cecelia W. Wigal, The University of Tennessee at Chattanooga
- **Outstanding Paper Award (2005 Conference)**: Jan Helge Bohn, Virginia Tech; Reiner Anderl, Technische Universität Darmstadt, Darmstadt, Germany

*“Transatlantic Course on 24/7 Collaborative Engineering and Product Data Management”*

**ASEE-SE Selects New Officers**

The new officers for the 2006-2007 year are:

- **President**: Shelton Houston, University of Southern Mississippi (601-266-6831)
- **President Elect**: Cecelia Wigal, University of Tennessee at Chattanooga (423-425-4015)
- **Secretary-Treasurer**: Tulio Sulbaran, University of Southern Mississippi (601-266-6419)
- **Immediate Past President**: Laura Lackey, Mercer University (478-301-4106)

- **Vice Presidents**
  - Programs Unit: Michael Woo, The Citadel (843-953-7679)
  - Awards and Recognition Unit: Joseph Owino, University of Tennessee at Chattanooga (423-425-4316)
  - Publications and Promotion Unit: Don Visco, Tennessee Tech University (931-372-3606)

- **Division Chairs**
  - Administrative Division: C. Wayne Unsell, Southern Polytechnic State University (678-915-7234)
  - Bioengineering Division: Mike Boyette, North Carolina State University (919-515-6790)
  - Chemical Engineering Division: Priscilla Hill, Mississippi State University (662-325-8249)
  - Civil Engineering Division: Paul Palazolo, University of Memphis (901-678-3275)
  - Computer Engineering and Technology Division: Daniel Kohn, Univ. of North Carolina A&T (336-334-7718 ext 2366)
  - Electrical Engineering Division: Randy Buchanan, University of Southern Mississippi (601-266-4949)
  - Engineering Graphics Division: Ted Branoff, North Carolina State University (919-515-1747)
  - Engineering Technology Division: Peter Roimine, Alabama A&M University (256-372-4141)
  - Industrial Engineering Division: Jessica Matson, Tennessee Tech University (931-372-3260)
  - Instructional Division: B.K. Hodge, Mississippi State University (662-325-7315)
  - Mechanical Engineering Division: Hodge Jenkins, Mercer University (478-301-2831)
  - Research Division: Kevin Bower, The Citadel (843-953-7683)
  - Software Engineering Division: M. Naghedolfeizi, Fort Valley State University (478-825-6997)
  - Professional Skills Division: Peter Hoadley, Virginia Military Institute (540-464-7552)
  - Campus Representative Coordinator: Thomas Dion, The Citadel (843-953-7676)
  - Proceedings Editor: Barbara Thomas, Southern Polytechnic State University (678-915-4283)
  - Newsletter Editor: Ken Brannan, The Citadel (843-953-7685)

A complete listing of the section officers may be found on the ASEE-SE web site at [http://cee.citadel.edu/asee-se/](http://cee.citadel.edu/asee-se/)
University of Louisville to Host 2007 Conference

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While in Louisville, plan on visiting several of Louisville’s many historic and fascinating attractions. Churchill Downs, home of the Kentucky Derby, is close to the hotel and has an excellent museum. Another historic site is the Louisville Slugger Museum and factory. Home of the Louisville Slugger, the factory and museum offers a walk-through tour where visitors can see the famous bats being made. The Belle of Louisville, a National Landmark, is the oldest Mississippi-style sternwheeler in the country. The Belle is located on the banks of the Ohio River and is part of Louisville’s large waterfront park and recreation area. The Frazier International History Museum, 4th Street Live, Louisville’s major entertainment center, and the Muhammad Ali Center, an international education and cultural center, are also located in downtown Louisville. If your interests lie with shopping for antiques or crafts, visiting quaint cafes, or browsing through unique shops and boutiques, then plan a visit to Bardstown Road, located in Louisville’s Highland’s neighborhood. If you have an interest in history, then plan on visiting the Old Louisville neighborhood located just south of downtown. The Old Louisville National Historic Preservation District, America’s Largest Victorian neighborhood, offers walking tours and self-guided tours with examples of Victorian Gothic, Richardsonian Romanesque, Queen Anne, Italianate, Chateauesque and Beaux Arts architecture. A short distance from downtown is the Louisville Zoo. The Zoo offers over 1300 animals exhibited in natural settings, including Lorikeet Landing, where you can see several varieties of Australian Lorikeets that will eat nectar right out of your hand. And, if you’re feeling really lucky, a short drive across the river from Louisville will take you to Caesars Casino in Southern Indiana.

More information about Louisville and its many attractions, shopping and restaurants can be found by visiting the Louisville Visitor’s Bureau at http://gotolouisville.com/. For information about Old Louisville, visit http://www.oldlouisville.com/.