



Southeastern Section Newsletter

July 2006

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Summer Edition

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 South-



the opportunity to apply the concepts learned in the classroom to the worlds of business, technology, government, and industry.

eastern 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

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,

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ASEE Vision Statement

"ASEE will serve as the premier multidisciplinary society for individuals and organizations committed to advancing excellence in all aspects of engineering and engineering technology education."

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SE Section Web Address:

<http://cee.citadel.edu/asee-se/>

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 Education: 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, 2006 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. Associate Dean day@louisville.edu	Dr. J. P. Mohsen Professor and Chair, CEE jpm@louisville.edu
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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.



Bryant Conference Center

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



Rear Admiral David J. Nash

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.



Student Poster Competition

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.



Alabama Girls Touring Choir

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

Student Poster Competition Winners

2006 ASEE-SE Conference

First and Second Year Engineering and/or Engineering Technology Design Teams

First place – Stuart Rymer, Jamie Allison, Alicia Redd - University of Tennessee at Chattanooga

Junior/Senior Engineering and/or Engineering Technology Design Teams

First place – Ken Evensen, Matt Link - Embry-Riddle Aeronautical University

Second place – Elizabeth Watts, Heather Cochran, Amy Gilfilen - Lipscomb University

Third Place – Kevin Berry - Mercer University

Cross Disciplinary Engineering and/or Engineering Technology Design Teams

First place – Kara Climer, Matt Lucas - Lipscomb University

Undergraduate Research Individual

First place – Sheena Reeves - Mississippi State University

Second place – Patrick Jouben - Mississippi State University

Third Place – William Parks - University of Alabama

Best Overall Research Presentation

Sheena Reeves – Mississippi State University

President's Message

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“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



Many outstanding presentations were given at the 2006 ASEE-SE conference.



Kevin Bower congratulates Sheena Reeves of Mississippi State University, recipient of the Best Overall Research Presentation in the student poster competition.



Joseph Biernacki of Tennessee Tech delivers Evans Award paper at Monday luncheon.



Laura Lackey of Mercer University (right) receives a plaque from Dennis Fallon for her service during the past year as President of the Southeastern Section.

Section Awards for Excellence



Peter Hoadley of VMI receives outstanding teaching award

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/>

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, Chateausque 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/>.