Historic Charleston, SC
2001 Conference Site

From a spectacular sunset over its waterfront and marshes to its historic cobblestone streets complete with horse and carriage, Charleston, SC offers an excellent location for the 2001 annual meeting of the American Society for Engineering Education, hosted by The Citadel. The conference will be held April 1-3 on The Citadel campus.

Innovative approaches in engineering education, proven strategies for improving pedagogy, and the development of assessment processes to enhance student learning are among the topics highlighted at the conference, which has as its theme STEP '01: Strengthening the Educational Process. Through participation in this conference, engineering educators will have the opportunity to share their classroom successes and setbacks with colleagues, gain new insights into pedagogical techniques, and discuss new and emerging trends in engineering education.

April is an ideal time to visit Charleston. The Citadel campus is one of the top tourist attractions in the area. In addition, the location of the conference is within a 5-minute drive of downtown Charleston. Downtown Charleston is noted for its many upscale shops, open market, superb restaurants, historical homes, churches, and unique walking/carriage tours. Several plantations are within a short driving distance from the conference site: Drayton Hall, Boone Hall, Magnolia Gardens, and Middleton Place. There are several museums that portray Charleston's rich historical past. Recently, the new downtown aquarium was opened. Finally, a conference participant can visit civil and revolutionary war forts such as Fort Sumter and Fort Moultrie or just have a relaxing dinner cruise.
General Call for Peer Reviewed Papers and Presentation Abstracts

Authors are invited to submit full-length manuscripts for presentation at the conference and inclusion in the conference proceedings. Papers should address topics dealing with instructional methodology, curricula issues, outcomes assessment, research and graduate programs, retention issues, professional ethics, the use of computers in the classroom, ABET 2000, laboratory development, changes in the undergraduate curriculum, capstone design courses and projects, co-op programs and internships, distance education, the virtual classroom, and continuing engineering education. Guidelines for preparing the manuscripts are available at www.offcampus.eng.clemson.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. The conference organizers expect to distribute the proceedings on CD-ROM at the conference. Authors of accepted papers are expected to present their papers at the conference.

In addition to full manuscripts, a limited number of abstracts may be accepted for presentation at the conference. These abstracts will be published in a book of abstracts but will not be peer reviewed or included in the reviewed proceedings.

The schedule for submission of papers and abstracts is:

- September 1, 2000 ..........Submit paper abstract (draft paper can be submitted as alternative)
- October 1, 2000 ............Notification to authors of acceptance
- November 2, 2000 ..........Draft of manuscript is due from author
- January 7, 2001 ..........Paper returned to author for revisions
- February 2, 2001 ..........Final paper due to proceedings editor

Authors should electronically submit a 250-300 word abstract to:

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The Citadel  
171 Moultrie Street  
Charleston, SC 29409  
Voice: 843-953-7676  
fax: 843-953-6328  
e-mail: DionT@citadel.edu

Section Awards for Excellence

At the 2000 Annual Meeting in Roanoke, several awards were given for excellence in engineering education. The list of recipients and the awards are:

Douglas E. Hirt, Clemson University..........................Section Outstanding Teaching Award  
Sarah L. Gassman, University of South Carolina..................Section Outstanding New Teacher Award  
S. Michael Kilbey, II, Clemson University..........................Dow Outstanding New Faculty Award  
Jay M. Khodadadi, Auburn University..........................Outstanding Contributions in Research Award  
Helena Solo-Gabriele, University of Miami..........................Section Research Award Runner-up  
Raj Rajagopalan, University of Florida..........................Thomas Evans Instructional Paper Award  
Farouk Mishu, Tennessee State University..........................Outstanding Campus Representative Award
Highlights of Meeting at Roanoke

The 2000 Southeastern Section meeting was hosted by Virginia Tech’s Division of Engineering Fundamentals and the Division of Continuing Education at the Hotel Roanoke and Conference Center in Roanoke, Virginia on April 2-4. Over 90 engineering educators attended the conference, which included more than 60 papers on the technical program. “The Challenges of Engineering Education: What Works and What Doesn’t” was the conference theme.

On Sunday, Missy Cummings and Jan Lee of Virginia Tech conducted a workshop on “Teaching Engineering Ethics.” James L. Robertson, Jr., Alumni Distinguished Professor of Virginia Tech’s Department of History delivered the keynote address on Monday morning. Dr. Robertson kept the conference spellbound with his address entitled “The American Presidency—What We Want and What We Get,” a topic designed to parallel the theme of the conference.

At the conclusion of the day’s technical sessions, conference attendees boarded one of two tour buses. One tour was to the Corning plant just outside Blacksburg, Virginia and the other was to Federal Mogul. After the industrial tours, the two groups met on the Virginia Tech campus for tours of the Mechanical Engineering Department’s “Car Factory,” the Frith Freshman Engineering Laboratory that is being developed for hands-on earning in freshman engineering education, and the Aerospace and Ocean Department’s Full Motion Flight Simulator. The annual Awards Banquet was held in the Donaldson Brown Hotel and Conference Center on the Virginia Tech campus.

Following Tuesday morning’s technical sessions was the annual business luncheon. Among the items discussed was that progress is being made on establishing a transactions journal and a committee has been appointed to review the constitution and bylaws. This committee plans to meet in June 2000. For his service as secretary-treasurer over the last three years, Peter Hoadley was presented with a gift of appreciation. Finally, President Hodge turned the gavel over to President Dion.

Section Selects New Officers

The new officers for the 2000-2001 year are:

President Thomas Dion The Citadel 843-953-7676
President-elect Peter Hoadley Virginia Military Institute 540-464-7331
Secretary-treasurer Shelton Houston University of Southern Mississippi 601-266-4896
Past President B. K. Hodge Mississippi State University 601-325-7315

Vice Presidents

Instructional Unit Beth Todd University of Alabama 205-348-1623
Administrative Unit Richard Denning University of Central Florida 407-384-2161
Research Unit Michael Annable University of Florida 353-392-3294

Division Chairs

Civil Engineering Paul Chinowsky Georgia Institute of Technology 404-894-2201
Computer Engineering and Technology Gary Johnsey University of Southern Mississippi 601-266-4118
Electrical Engineering Paul Wilder University of Southern Mississippi 228-867-2600
Engineering Design Graphics Pat Devens Virginia Tech 540-231-9538
Engineering Technology Jack Lipscomb University of Southern Mississippi 601-266-4902
Mechanical Engineering Joey Parker University of Alabama 205-348-1654
Software Engineering Barbara B. Thomas Southern Polytechnic State University 770-528-4283

Campus Rep. Coordinator J. P. Mohsen University of Louisville 502-852-4596
Proceedings Editor James Nelson Clemson University 864-656-3000
Newsletter Editor Ken Brannan The Citadel 843-953-7685
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on improving engineering education with colleagues. This exchange of information typically ranges from workshops, to peer reviewed papers, to engaging panel discussions. In order for YOU to benefit, you are most cordially welcomed to attend and be an active participant, and as an added attraction, you will be able to personally witness the sights of Charleston in full Springtime bloom!

I would like to encourage you to submit a paper for review and inclusion in the Conference Proceedings. Instructions pertaining to abstract and paper submission are contained elsewhere in this newsletter.

The ASEE SE Section unit and division officers and the local ASEE campus representatives are available to assist you in any way possible. I can be reached at diont@citadel.edu and would like to hear from you about any aspect of engineering education and the ASEE-SE Section.

In closing, I would like to take this opportunity to publicly thank B. Keith Hodge of Mississippi State University for his exemplary leadership as President this past year. His faithful devotion and service to the Section for many years, and most especially this past year, has insured a firm foundation for future Section activities to be successful. Also, I would like to thank Peter Hoadley of Virginia Military Institute for his dedicated service as Section Secretary Treasurer for the past three years. His tireless efforts in maintaining the Minutes for the Executive Board and the Section, as well as the financial ledgers for both the Section and the Research Unit is most impressive. I know the entire Section joins me in expressing appreciation to both of these gentlemen for jobs well done.

**Historical Footnote:**

At the fifteenth Southeastern Section meeting at the University of South Carolina (April 1949), a speaker noted: “I don’t think there is any group in the United States that is more responsible for the progress that we have made in this country than the engineers.” He went on to discuss the potential for industrial development in the South and stressed the importance of education. The speaker was Strom Thurmond, then governor of South Carolina and currently President Pro Tempore of the U.S. Senate at age 97. From Jack Evett’s “History of the American Society for Engineering Education, Southeastern Section, 1934—1993,” prepared for the 1993 Southeastern Section meeting in Nashville. Evett was Section President in 1991—1992.