



Southeastern Section Newsletter

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."

Inside this issue:

General Call for Peer Reviewed Papers and Presentation Abstracts	2
Section Awards for Excellence	2
Highlights of Meeting at Roanoke	3
Section Selects New Officers	3

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.

President Dion's Message

Next spring the ASEE-SE Section Annual Meeting will be hosted by The Citadel in Charleston, South Carolina. The theme, "Strengthening The Educational Process," fits well with the challenges facing engineering educators today. Most predominately is the challenge of balancing new technology and innovation with an already filled curriculum. Other challenges

include ways to increase learning and inspire students to higher levels of achievement while meeting EC 2000 accreditation criteria.

Traditionally, the SE Section Annual Meeting offers engineering educators an opportunity to exchange information that focuses

(Continued on page 4)

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

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

Thomas R. Dion
 Department of Civil and Environmental Engineering
 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 conferees 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, confer-

ees 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 learning 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

A Chair and Vice Chair are needed for the Industrial Engineering Division for 2000-2001. In the past this has been a very active Division. To continue this activity and to provide an opportunity for IE faculty in the ASEE SE Section, nominations are requested for Chair and Vice Chair. Nominations can be made to B. K. Hodge, ASEE SE Section Past President at hodge@me.msstate.edu.

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

President's Message

(Continued from page 1)

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.*