

## Letter from the Chairman January

**Dear Members:**

First, I trust that everyone had great Christmas and New Year holidays.

The Executive Committee has continued to work hard to deliver programs that will be of interest to the engineering community. Your participation is the reward of the effort. Your feedback on how the Section is serving your interests and needs is welcomed.

On December 15, 2006, the Tallahassee Section hosted a luncheon meeting Salvador Arnaldo of the City of Tallahassee, who gave a presentation on a trip he made a trip to the Central American country of Nicaragua. Also, representatives of FAVACA, a volunteer organization that coordinates volunteer activities in Central America, spoke about the organization and its mission.

On January 10, 2007, the Tallahassee ASHRAE Section hosted a lunch program that included a presentation on Energy Recovery. ASME Tallahassee Section Treasurer Tom Shewan and Chair Siddhartha Kamath attended.

*(Letter from Chair, continued on page 2).*

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### 2006-2007 ASME Tallahassee Officers

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Webmaster	Tom Shewan, P.E.	850.645.6466
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### FEBRUARY 2007 CALENDAR

Feb. 23	"Bring a Coworker with You to Lunch"
Feb. 23	Engineers' Week Banquet.

# TALLAHASSEE SENIOR SECTION

*(Letter from Chair, continued from page 1)*

At the January 11, 2007 Executive Committee Meeting, Dr. Farhad Boeshaghi presented a module of a continuing education training course. He expects to submit the complete course outline for review by Dept. of Insurance by January 19, 2007. Once approved by the Dept. of Insurance the course will be offered via the ASME Tallahassee section Continuing Education Program to insurance industry.

On February 23, 2007 a representative of SEMCO, a manufacturer of HVAC energy recovery equipment, will present a program at the Section's "Bring a Coworker with You to Lunch". Details will follow.

Let us continue working to make this a successful year.

**Siddhartha Kamath, P.E., Chairman 2006-2007**

## **Dr. Farhad Boeshaghi, P.E. heads BEC Consulting, LLC**

As of January 1, 2007, Benedict Engineering Company, LLC, of Tallahassee, became BEC Industries, LLC, whose core business is in the area of design and development of material handling systems. Additionally, two new companies were formed: NuShore, LLC and BEC Consulting, LLC. NuShore will provide beach restoration and erosion control to coastlines. BEC Consulting will provide high quality engineering services in the areas of general engineering and forensic engineering.

BEC Consulting will be lead and managed by a former local ASME chapter president, Dr. Farhad Boeshaghi, P.E. Dr. Boeshaghi is a longtime ASME member and an active contributor to the ASME Tallahassee section committees. He is also an experienced engineering consultant with extensive training and knowledge in the areas of product design and manufacturing and industrial safety including failure analysis, accident reconstruction, fires and explosions, ergonomics and human factors engineering.

In 1984, Dr. Boeshaghi earned his Bachelor of Science Degree in Mechanical Engineering from the University of Alabama. In 1987, at the University of Alabama, Dr. Boeshaghi went on to earn his Master of Science Degree in Mechanical Engineering with concentrations in Dynamics, Controls, and Automation. In 1997, he earned his Doctorate Degree in Mechanical Engineering with concentration in Mechanics and Materials from Florida State University. In 2005, Dr. Boeshaghi received a Post-Doctorate Certification in Biomedical Engineering with concentration in Biomechanics from the University of Florida.

Since 1999, Dr. Boeshaghi has been an Adjunct Professor at Florida State University teaching courses in the areas of product design and manufacturing to engineering students. He is an ACTAR Certified Accident Reconstructionist and a Certified Fire and Explosion Investigator. He is a licensed Professional Engineer in states of Florida, Alabama, California and South Carolina.

Dr. Boeshaghi resides in Tallahassee, Florida with his wife Heidy Boeshaghi, son Sina, and daughters Leila and Sara.

## December Technical Luncheon

On December 15, 2006, at the ASME Tallahassee Section's "Bring a Coworker with You to Lunch" meeting, Sal Arnaldo, of the City of Tallahassee Water Utility Division, presented a program about a week he spent in the Central American country of Nicaragua to learn about and educate the people about public water infrastructure. Sal also discussed opportunities for ASME members to volunteer for short-term technical missions for assistance to our Caribbean and Central American neighbors through Florida Association for Volunteer Action in the Caribbean and the Americas (FAVACA). Two representatives of FAVACA, Oscar Martinez and Chris Beyer, also spoke about the mission of FAVACA.



## Promotions

Tallahassee ASME Section Chair Siddhartha Kamath, PE, has 29 years of diverse engineering experience, and currently is employed by the Florida Department of Transportation (FDOT). On October 30, 2006, he was assigned to the position of State Structures Design Quality Assurance Engineer. He is responsible for administration of the State Structures Office Quality Assurance Plan which involves regular auditing of eight District Structures Design Offices and several Design Consultants for compliance with the Design Plans Preparation Manual.

## Engineers Week (February 18-24, 2007)

Each year the Tallahassee area engineering societies hold an awards banquet during National Engineers week. This year's banquet will be held on **Friday, February 23, 2007, at the Doubletree Hotel** (101 South Adams Street, Tallahassee). More information will be posted on the ASME Tallahassee Section website when available.

# STUDENT SECTIONS

## TCC Student Engineering Club

*by Doug Jones*

The semester's first meeting of the TCC ENGINEERING CLUB was held on Tues., Jan 16, in the Science/Math Conference Room, SM 260.

Several new members were present. Plans were made for the semester's meeting schedule and club activities and field trips for the semester. **Beth Mann-Pace**, of TCC's Workforce Development Division, discussed important job opportunities in the area. And **Siddhartha Kamath**, Chair of the Tallahassee Section ASME, welcomed the new members as well as the returning members.

The TCC Engineering Club's blog, which contains notices of activities and meeting dates, is located at <http://engineeringtcc.blogspot.com/>

### TCC ENGINEERING CLUB Contacts

Doug Jones 850-201-8120 <a href="mailto:ionesd@tcc.fl.edu">ionesd@tcc.fl.edu</a>	Dr. James Carr 850-201-8971 <a href="mailto:carrj@tcc.fl.edu">carrj@tcc.fl.edu</a>
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## FAMU / FSU ASME Student Section

Meeting Schedule:

- 1st 1-24-07 – general body meeting.
- 2nd 2-7-07 – elections, and
- 3rd 2-21-07 – announcement of new officers for the next term.

# ASME INTERNATIONAL

## ASME To Hold Three Industry-Focused Conferences on Biotechnology

Leaders in the science and engineering communities will assess the latest technology in bioprocess engineering, biomechanics and medical devices and instrumentation at three ASME conferences in June 2007.

The ASME Bioprocess Technology Seminars and Exhibits will be held June 4-6, 2007, at the Radisson-Dublin ST. Helens Hotel in Dublin Ireland. The second conference, Frontiers in Biomedical Devices 2007, is scheduled for June 7-8, at the Hyatt Regency Irvine in Irvine, Calif. The 2007 Summer Bioengineering Conference will take place June 20-24, at the Keystone Resort and Conference Center in Keystone, Colo.

The three conferences will examine the progress and future directions in biotechnology research, and provide practitioners with the latest tools and training to advance commercial applications in the field. ASME's objective in presenting the conferences is to provide the fast-growing biopharmaceutical industry with useful resources to solve technology challenges.

For more information, visit:  
[http://www.asme.org/Communities/Technical/BPE/Bioprocess\\_Activities.cfm](http://www.asme.org/Communities/Technical/BPE/Bioprocess_Activities.cfm)

## Programs for Early Career Engineers

Visit [www.asme.org/communities/earlycareer](http://www.asme.org/communities/earlycareer), the online destination for Early Career Engineers (ECEs) with fewer than 10 years of professional practice. The Early Career Center provides information about events, career development opportunities and products specific to their need, as well as to a number of online career and job search resources.

## Check Out ASME News Online!

ASME News Online is an electronic resource for those who want to learn about ASME and the dozens of interesting programs and activities the organization and its members are involved in each year. ASME News also includes information and links pertinent to the governance of ASME, columns and features, including a monthly letter from ASME President Terry Shoup, industry news, calendars and events and more. Don't miss reading the October edition on [www.asme.org](http://www.asme.org)

## GMET - Meet the Challenges of Globalization

Globalization affects everyone, particularly engineers. In order to help companies cope with issues resulting from globalization, ASME has developed a global training program: Global Management for Engineering and Technology (GMET), consisting of four courses developed by well-known subject matter experts.

GMET has received a positive global response since its launch in April this year. In China, ASME has signed up three top universities and one national training company to offer GMET training. ASME also signed two more agreements on GMET with Malaysia and Kuwait. GMET has also met with enthusiasm from universities and professional institutions in Hong Kong, Singapore, South Korea, India, and some parts of Europe. China Petrochemical Corporation (SINOPEC) has decided to provide GMET program to its engineers. Boeing and other American companies are also considering its adoption.

To view GMET demo courses, visit:  
<http://gmetdelivery.asme.org/demo/>.

For more about GMET, visit:  
[http://www.asme.org/Education/Courses/GMET/Global\\_Management\\_Technology.cfm](http://www.asme.org/Education/Courses/GMET/Global_Management_Technology.cfm)

## Applicants Needed: ECLIPSE

The deadline for submitting applications for the **Early Career Leadership Internship Program** **Serving Engineering** for internships beginning at the 2007 Summer Annual Meeting **Jan. 15, 2007**.

ASME members who have served 30 years in the workforce and members who have not previously served as an LDI or MLP intern are eligible to apply. Women, non-traditional engineers and engineers in the workforce between three and 10 years are also encouraged.

For additional information and an application, visit [http://www.asme.org/Governance/Volunteer/Early\\_Career\\_Leadership.cfm](http://www.asme.org/Governance/Volunteer/Early_Career_Leadership.cfm) ASME staff contact: Mary James Legatski [legatskim@asme.org](mailto:legatskim@asme.org)



Plan to attend the European Forum, the first ever conference on Sustainable Engineering on March 19-21, 2007 at the Brussels Expo in Brussels, Belgium.

The conference will examine the role of engineering and science in ensuring sustainable economic growth and quality of life around the world, and explore technologies that represent the best practices in water management, energy production, fuel consumption, recycling, and air pollution control.

More than 30 presentations, panel discussions, and speeches will comprise the program of the ASME European Forum on Sustainable Engineering, which will cover a broad range of topics, from greenhouse gases and alternative fuels to life-cycle assessment and "green manufacturing."

## Call for Nominations:

### *Committee On Ethical Standards*

ASME is currently accepting nominations to fill a vacant position on the Committee on Ethical Standards and Review, for a four-year term, beginning in 2007.

The requirements include a minimum of ten years dedicated service to ASME including five years experience in activities beyond the local section, a commitment to upholding ethics in engineering practice, and licensure as a professional engineer. Forward nominations to David Soukup, managing director, Centers, at [soukupd@asme.org](mailto:soukupd@asme.org)

## 2007 Johnson & Johnson Consumer Companies, Inc. Medal



The Johnson & Johnson Award, first presented in 2005, recognizes outstanding contribution to the promotion of diversity and inclusiveness within the engineering community. This award is open to ASME members and individuals who are members of a recognized engineering or professional society.

The deadline for all nominations is Feb. 1, 2007.

For additional information and forms, visit [http://www.asme.org/Governance/Honors/SocietyAwards/Johnson\\_Johnson\\_Consumer.cfm](http://www.asme.org/Governance/Honors/SocietyAwards/Johnson_Johnson_Consumer.cfm), or contact ASME staff contact: Mary James Legatski, [legatskim@asme.org](mailto:legatskim@asme.org)

Registration is ongoing. For more information on the European Forum, visit: [www.asme.org/europeanforum](http://www.asme.org/europeanforum)

## ASME E-Library Expands to 75 Titles

– Free to members! –

In early Sept. 2006, ASME members gained access to 75 interactive, user-friendly references available on the newly expanded ASME e-Library powered by Knovel. To take advantage, members simply access ASME.org and log onto the members-only page. Members pay no charges for access.

Selecting from a large, diverse collection that includes *Mark's Standard Handbook for Mechanical Engineers*, *Handbook of Materials Selection*, *Mechanical Engineer's Reference Book*, *Structural and Stress Analysis*, *Pipeline Rules of Thumb*, *Mechanics of Materials*, and *the Manufacturing Engineer's Reference Book*, members enjoy additional benefits unavailable from printed references. Using embedded analysis software, they quickly locate data, analyze it, and export the results. For a complete listing of available titles, visit the e-library pages in Members only.

For the initial session on the expanded ASME e-Library, each individual can log onto the member-only page and register. For future sessions, the individual can simply log onto the members-only page and click on an icon, which opens the collection for use.

## Call for Nominations: 2007 Old Guard Early Career Engineer Award

Recognize an outstanding early career engineer actively involved in their profession, their communities, and the work of the Society. Submit Nominations Today! Visit <http://files.asme.org/asmeorg/Communities/EarlyCareer/8026.pdf> for more details. The deadline for all nominations is March 1, 2007.



## Advancing Your Career

The ASME Professional Practice Curriculum (PPC) is an online resource designed to help you advance in the engineering profession by providing guidance and resources on subjects that complement an engineers technical skills.

The PPC consists of 42 modules on topics ranging from product development and writing cost proposals to team building and negotiation. The PPC also provides information on alternative engineering career paths such as patent law, marketing and sales, and entrepreneurship.

Currently, the 5 modules in the Career Transition Series are free of charge. ASME members additionally have access to the following 4 modules through the [Members Only](#) website:

- Introduction to Intellectual Property (Business & Legal Series)
- Leadership Styles and Attributes (Management & Leadership Series)
- Effective Technical Presentations (Communications Series)
- Product Management (Product Management Series)

To get started, please visit [www.professionalpractice.asme.org](http://www.professionalpractice.asme.org).

## ME Today

If you are interested in contributing to the professional and career development of early career engineers, we invite you to submit articles for publication in ME Today.

<http://files.asme.org/asmeorg/NewsPublicPolicy/Newletters/METoday/7563.pdf>

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If you would like to become a *sponsor* of the Tallahassee Section, please contact Siddhartha Kamath, Chair, at [kamaths2@asme.org](mailto:kamaths2@asme.org).

ASME International Tallahassee Section publishes this newsletter six to eight times a year. Members are requested to e-mail newsworthy articles to Doug Jones, Newsletter Editor, [jonesd2@asme.org](mailto:jonesd2@asme.org) or to Siddhartha Kamath, Chair, [kamaths2@asme.org](mailto:kamaths2@asme.org).