

April 2007 Letter from the Chairman

Dear Members:

The Executive Committee thanks those of you who have participated in the programs we have organized. Your participation is our reward. Here is what occurred in April:

The March Newsletter was published.

The Executive Committee met on April 9. Issues discussed included the 2008 FY Executive Committee, and continuing efforts by Dr. Farhad Booeshaghi toward making into reality a PD Course.

A technical luncheon on April 20 featured a presentation about a unique Off-Grid Zero Emissions Building currently under construction at Florida State University.

Let us continue working to make this a successful year.

Siddhartha Kamath, PE, Chairman 2006-2007

2006-2007 ASME Tallahassee Officers

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MAY 2007 CALENDAR

- 5-09-07 Executive Committee Meeting
Contact: Sid Kamath (850-414-4276)
- 5-17-07 TCC Engineering Club Meeting
Contact: Doug Jones (850-201-8120)

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TALLAHASSEE SENIOR SECTION

“BRING A COWORKER TO LUNCH” MEETING

Date: April 20, 2007

Time: 11:45 AM-1:30 PM

Location: Residence Inn at the Capitol (600 W Gaines St; Tallahassee)

OGZEB Program



On April 20, 2007 Justin Kramer of the FSU Sustainable Energy Science and Engineering Center (SESEC) presented a program on the "Off-Grid Zero Emissions Building" (OGZEB for short) that is under construction at FSU. The OGZEB will be completely solar powered and use hydrogen for energy storage. It will incorporate integrated system design, with a strong focus on occupant comfort.

Justin Kramer is an Assistant Research Scientist at the Florida State University, where he also serves as the OGZEB Project Manager.

Information is available at this link:

http://www.eng.fsu.edu/e_news/OGZEBpacket.pdf



Photos by Siddhartha Kamath



STUDENT SECTIONS

FAMU / FSU STUDENT SECTION – *Information supplied by George Heller.*

Wednesday, 11 April - - student chapter meeting Time: 5:30 to 6:30 pm

Place: College of Engineering B-135

Topic: Student Design Competition Results and Display; Upcoming year; Guest Speaker.

Comment: Several TCC alumni are involved in this year's competition, which is to build a human-powered water purifier that operates by distilling water.

Saturday, 14 April - - Spring Picnic!

Time: noon to 6:00 pm

Place: Dr. Dave's house

The attendance was not as great as in past times, probably due to up-coming final exams.

TCC STUDENT ENGINEERING CLUB – *Information supplied by Dr. James Carr*

On Friday, April 6, the Club was given a tour of the National High Magnetic Field Laboratory. We had about 20 members and guests, including several alumni. (We even had a few guys who were just visiting and joined our group.) Special thanks to Khalid Rasul for getting this all arranged on short notice.



Photos by Dr. James Carr

The TCC Engineering Club's Campus web page is located at

http://www.tcc.fl.edu/about_tcc/student_affairs/departments/campus_life/clubs_and_organizations/engineering_club

and our blog, which contains notices of activities and meeting dates, can be directly addressed at

<http://engineeringtcc.blogspot.com/>

TCC ENGINEERING CLUB Contacts

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ASME INTERNATIONAL

ASME 2007 EARLY CAREER FORUMS & FAIRS

Don't miss this opportunity to network with peers and get first hand practical advice and information on issues relevant to your developing engineering career.

Attend the next Early Career Forum & Fair in Montreal, Canada - May 13, 2007 (At ASME Turbo Expo) Palais des Congrès in Montréal, Canada
9:00 AM - 5:00 PM

The program will consist of a career fair which will follow two panel discussions moderated by successful industry experts and senior-level engineers, from *Pratt & Whitney, Rolls-Royce, MTU Aero Engines, Dassault Aviation Systems and NASA.*

[Register now/get more information](http://www.asme.org/Communities/EarlyCareer/Forum/Early_Career_Forum_Fair.cfm)

http://www.asme.org/Communities/EarlyCareer/Forum/Early_Career_Forum_Fair.cfm

Program Highlights

- The Global Landscape: Essential Strategies to Transform Your Career in the Gas Turbine Industry
- Career paths in the gas turbine industry
- The Gas turbine industry – globally speaking

*Registration will include admission into [ASME's Turbo Expo](http://www.asmeconferences.org/te07/) (http://www.asmeconferences.org/te07/) technical sessions for Monday, May 13.

To register, for the Early Career Forum, visit:

http://www.asme.org/Communities/EarlyCareer/Forum/Early_Career_Forum_Fair.cfm

ASME Think Tank Summit to Address Today's Engineering Issues

Held in conjunction with the 2007 ASME Summer Annual Meeting in Toronto, Canada, the Society will conduct its first Think Tank Summit, June 10-11. The summit, held at the Fairmont Royal York Hotel, will address three issues critical to today's engineers. Panel sessions include "Fruits and Pitfalls of Product Lifecycle Management," which takes a look at the emerging importance of PLM and its impact on product development processes across the value chain to deliver the most business value. "Teaching Women Engineering, A Double Standard?" will look at the pros and cons of a recent report by the National Academies that suggests that colleges and universities are outmoded in their thinking of women in engineering, and "Human Factor Engineering, Designing for the User" will ask the question: Are all products designed with the consumer (human factor) in mind? Designers, critics and the audience will probe into this topic and also take a look at sample products that include the good, the bad, and the ugly. The ASME Think Tank Summit brings together leaders in industry, government, academia and ASME in three 90-minute town-hall-style discussions.

For more details and to registration visit the Web site at <http://www.asmeconferences.org/SAM07/ThinkTank.cfm> or email to klaskyp@asme.org



Upcoming Early Career Forums & Fairs

Toronto, Ontario, Canada - June 10, 2007 (At ASME Summer Annual Meeting)

Seattle, Washington – Nov. 11, 2007 (At ASME International Mechanical Engineering Congress & Exposition).

For more information on the Forums and Fairs, and important updates for US Citizens traveling to Canada, visit:

http://www.asme.org/Communities/EarlyCareer/Forum/Upcoming_Events.cfm

Call for Submissions: The Local Scoop!

Share your good news! ASME's Strategic Communications Committee, within the Center for Public Awareness, wants to publicize and celebrate noteworthy events and/or success stories that have occurred within your District or Sections!

If your District or Sections are planning or have completed some event or activity that you would like to share with the general ASME membership, contact Marina Stenos at stenosm@asme.org. You can either provide the information directly, or give us a contact person and we will follow up.

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

The Fellow Grade recognizes significant engineering achievements and contributions to the engineering profession. ASME takes great pride in its Fellows Program and encourages the nomination of ASME members to Fellow Grade. Any ASME member can submit a nomination for Fellow.

For additional information on ASME's **Fellows Program** visit:

<http://www.asme.org/Governance/Honors/Fellows/Fellows.cfm>



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.

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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.

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 or to Siddhartha Kamath, Chair, kamaths2@asme.org.