MIME E-Bulletin

Weekly Newsletter for the School of Mechanical, Industrial & Manufacturing Engineering at Oregon State University

April 23, 2012

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This Week's Features

Job Opportunities this Week!
Don't miss the OSU-wide Career Fair this Wed, 11 am–4 pm in the CH2M HILL Alumni Center. Prep for it by visiting the Career Services website for useful tips on how to prepare and tricks for updating your resume. There are lots of job postings below for career as well as student/summer positions. Also check out Beaver JobNet and update your profile and search agent information.

Good luck with your job hunt!

Mark Your Calendar

Below is a list of events that people have told us about or that we have pulled from the online MIME calendar. It is NOT a comprehensive listing of everything that is happening on campus. If you would like to include an event in this listing, please add it to the MIME Calendar, or email the MIME E-Bulletin box with the details and we will post it for you. Note: Student group meetings are listed in the E-Bulletin only for the first meeting of each term.

Click here to go to the OSU Academic Calendar.

This Week

Mon, April 23
MIME Graduate Defense: Coevolution and Transfer Learning in a Heterogeneous, Point-to-Point Fleet Coordination Problem presented by Logan Yliniemi, candidate for MS in Mechanical Engineering. 2:30 pm, Covell 117 (MIME Library).

Tues, April 24
Earth Week Community Fair. 11 am–4 pm, MU Quad.

ASM Student Night. 6 pm, Hall of Fame Room, Chiles Center, University of Portland. Contact Dr. Jamie Kruzic for more information.

Wed, April 25
OSU University-wide and Engineering Career Fair. 11 am–4 pm, CH2M HILL Alumni Center.

Panel Discussion on the Future of Sustainable Design. 2–3:15 pm, MU 206. Snacks provided.
**Women in Policy and Women in Science panel discussion:** Breaking down the wall: communication at the interface of environmental policy and science. 6–7:30 pm, MU 109. Reception and light refreshments to follow.

**Thurs, April 26**
**MIME Graduate Defense:** A Risk-Informed Decision Making Framework for Early-Phase Conceptual Design of Complex Systems presented by Douglas Van Bossuyt, candidate for PhD in Mechanical Engineering. 1 pm, Covell 117 (MIME Library).

**Fri, April 27**
**MBI Seminar:** Overview of PNNL Activities in the Transportation Sector Current and Future Roles presented by George Muntean, PNNL Chief Engineer. Noon–1 pm, Metolius Room at HP Bldg 11, Corvallis.

**Plan Ahead**

**Mon, April 30**
**MIME Graduate Defense:** Enabling Safety-Informed Design Decision Making through Simulation, Reasoning and Analysis presented by David Jensen, candidate for PhD in Mechanical Engineering. 1 pm, Covell 117 (MIME Library).

**Mon, May 7**
**MBI Seminar:** Progress on Coating Engineering of Nanosprings and Corresponding Applications presented by David Mclroy, Professor and Department Chair (Univ of Iowa). Noon–1 pm, Metolius Room at HP Bldg 11, Corvallis.

**Fri, May 11**
**MBI Seminar:** Optimization of Robot Motor Control in Tasks with Contact presented by Dr. Tom Erez (University of Washington). 2:30 pm snacks, 3–4 pm talk. Covell 117 (MIME Library).

**Fri, May 18**
**Engineering Expo.** 11 am–4 pm, Kelley Engineering Center. Volunteers needed! Free and open to the public.

**Fri, June 15**
**MIME Commencement.** 10 am, LaSells Stewart Center.

**Sun, June 17**
**OSU Commencement.** 3 pm, Reser Stadium.

**Sun, July 1**
**COE Professional School Application** due at 11:59 pm.

**Announcements**

**Undergrad and School-Wide**

FREE GROUP THERAPY SESSIONS AVAILABLE TO STUDENTS. Counseling and Psychological Services (CAPS)
provides services to help students cope and through difficult times. It is paid for by your student fees. The spring schedule was just released and you can click here to check it out. If you find yourself needing someone to talk to, they are here for you!

EAT A BURRITO AT QDOBA and raise money for the SWE Scholarship. SWE's mission is to stimulate women to achieve full potential in careers as engineers and leaders, expand the image of the engineering profession as a positive force in improving the quality of life, and demonstrate the value of diversity. Please gather your friends, kids, coworkers, family (or anyone else you see) and eat between 9 am and 3 pm at Qdoba on April 28. Qdoba will donate 20% of sales for everyone with a flier to the Willamette Valley Section of the Society of Women Engineers.

UNDERGRAD RESEARCH IN NAMIBIA. If you are interested in doing research abroad, the International Research Experience for Undergraduates (IRES) program is looking for candidates to go to Namibia. This IRES program is designed to provide students interested in ecology and natural science with a paid, intensive, hands-on international experience in field research focused on the behavior and ecology of Namib Desert lizards. Click here for more information and apply by April 30.

Job and Internship Opportunities

Here is a sampling of current MIME-related postings on the Beaver JobNet (closing date in parentheses):

- Aerospace Stress Engineer at SIE closes April 30
- Catia V5 Junior Consultant at PCO Innovation closes April 30
- Dow AgroSciences (both close April 30)
  - Discovery Research Automation Specialist
  - Senior Cheminformatics Leader
- WaferTech both close April 30
  - Manufacturing Opportunity Intern
  - Multiple Engineering and Facilities Intern Opportunities
- Process/Industrial Engineer-Entry Level at Xerox closes April 30
- Summer Intern Program at Linde closes April 30
- Engineering Department Intern (paid) at Amy's Kitchen closes May 11
- New Grad Semiconductor Engineer at Cree, Inc closes May 12
- Mechanical Engineer/Designer: HVAC Design/Build at Hunter-Davison, Inc. closes May 31
- System Engineer at Nanometrics closes May 31
- Management Trainee at Sensient Dehydrated Flavors LLC closes June 4
- NEW! Production Intern at Pioneer Pump closes June 4
- Mechanical Engineering Volunteer at Linn County General Services closes June 6
- Mechanical Engineer at Con-Vey Jeystone Inc closes June 13
- Chief Engineer Trainee at Henningsen Cold Storage Co. closes June 15
Multiple positions at Maxim Integrated Products, all close July 31
- Water Treatment Internship at the Association of Water Technologies closes July 31
- Engineer with Bulk Handling Systems closes Aug 31
- Logistics Engineer at Wal-Mart closes Sept 20
- Technician/Programmer at CCI Automated Technologies closes Oct 2

And some additional employment opportunities...

**COMPOSITE MATERIALS R&D.** CMR&D is looking for an energetic candidate that can keep up with a fast paced environment working as an engineering technician. CMR&D is a super fast paced company that develops products and testing for both the composites industry and military protection market. See the job flyer and contact Trent Garber for more information or to apply.

**WOMEN'S CENTER.** The Women's Center is hiring for the 2012-2013 year. Women's Center Coordinators are responsible for creating a learning environment that contributes to the student development process. Engineering students are highly encouraged to apply. To apply, please visit the WC Job Application 2012-2012 page and complete your application by May 1.

**THE INSTITUTE FOR SHOCK PHYSICS** is recruiting for a ME. A BS degree is required. Click here for the vacancy announcement.

**DYNAMIC COMPRESSION SECTOR** at Argonne National Laboratory is recruiting for a ME. A master's degree and a few years of experience are preferred. Click here for the vacancy announcement.

**OUTSIDE THE BOX.** Outside the Box is a summer program for gifted 7th and 8th graders and will be held on the OSU campus from July 7-20. The program is looking for people who can lead a class in computer science or engineering. You can pick the time of day that works for you to teach 90 or 120 minute classes each weekday for 2 weeks. Popular classes include: gamemaker, Computing with Alice, animation, advanced web design, or ...an idea of your choice! For more info, please contact the program director, Judy Michaels by email or phone (541-737-1289).

**FALL CREEK HYDRO PROJECT.** Falls Creek Hydroelectric, a 5 MW privately owned project, is seeking summer maintenance workers. Candidates for this position will gain 'hands on' experience on a wide range of industrial equipment, including hydraulic systems, electrical/switchgear systems, turbines and generators, oil delivery systems, transformers, and more. Click here to review the position description and apply by May 31.

For help with polishing your resume or cover letter...
...Or for services such as mock interviews, workshops and career counseling, visit OSU Career Services in Kerr Administration Building or online.

Forward newsletter submissions to mime.ebulletin@oregonstate.edu by 5 pm on Friday to appear in the following Monday’s issue. For access to past MIME E-Bulletins, visit the e-bulletin archives.