

Monthly CREW Update: July 2011

Here is an update on upcoming activities and opportunities:

1. Please join me in congratulating Sid Suryanarayanan, Site Director for Colorado State University and electrical engineering professor, who has been selected for a prestigious National Academy of Engineering (NAE) symposium at Google's headquarters in September. NAE is the foremost engineering entity in the US; the FOE symposium is a highly selective program. For more information on the NAE, visit: www.nae.edu

The news media has released two articles about the event:

CSU press release: <http://www.news.colostate.edu/Release/5782> and

NAE release: <http://www.nae.edu/Activities/MediaRoom/20095/47768/51061.aspx>

Congratulations Sid!

2. The first of an annual series, the AWEA held a University Summit on June 28-29, 2011 in Iowa City, IA. The Summit brought industry and academic players, including CREW, to the table to solidify relationships, share an understanding of the industry's vision, and help communicate how academia can help to further the wind industry's mission. It was a pleasure to see a few of our CREW members, and to further discuss how CREW and industry can collaborate.

3. The 3rd Annual CREW Symposium is right around the corner (on August 12, 2011) at NREL in Golden, CO and the event is coming together well. So far, more than 15 companies and 60 attendees will participate in the event! If you are interested in attending, please RSVP to Florence Bocquet, managing director at bocquet@colorado.edu. The symposium will include sessions open to all where we will provide an update of our CREW activities, and there will also be sessions geared specifically for our CREW member companies to discuss results on the three 2010-2011 CREW shared research projects and on other activities. For the latest version of the agenda and other pertinent info to the symposium, please go to:

http://crew.colorado.edu/Newsroom/Events/Symposium2011_Agenda&Info.pdf

4. Our CREW seminars will resume in Fall 2011, on the following Fridays at 11:00am-12:00pm: Sept. 9, Oct. 7, Nov. 11 and Dec. 9. The Fall seminar series will again take place in room ECCS 1B28 at the CU Engineering Center (same room as last Fall). The CREW seminars will also continue to be broadcast live.

5. Los Alamos Dynamics, LLC (*not* affiliated with Los Alamos Nat. Lab) will offer its 3-day short course entitled Structural Health Monitoring Using Statistical Pattern Recognition for the 21st time in Palo Alto, CA on September 10-12, 2011. The course

will introduce engineers to techniques for detection and location of damage in structures as determined by changes in their measured dynamic response characteristics. Theory, application, and computerized implementation of this technology are covered in this course. For more information, please go to:

<http://www.la-dynamics.com/courses/short-courses.htm>

The early-bird registration deadline is August 11, 2011.

6. Call for Papers: contributions are invited for a special issue of the IEEE Transactions on Control Systems Technology, devoted to the topic of control applications in wind energy. The objective of this special issue is to illustrate the potential of control engineering, in its broader sense, to advance the state of the art of wind energy, by producing significant improvements in many aspects of this field. For more info:

http://crew.colorado.edu/Newsroom/News/CallForPapers_IEEE_TCST_June17-11.pdf

The deadline for paper submission will be December 15, 2011.

7. The World Renewable Energy Forum (WREF) will be hosted in Denver, May 13-20, 2012. NREL will be working closely with the World Renewable Energy Congress to support WREF 2012, and the three Colorado universities will also be deeply involved. Even though the abstracts are not due until December 2011, the 1st announcement for Call for Abstract has been published. Please click here for more information:

http://crew.colorado.edu/Newsroom/News/CallForAbstracts_WorldRenewableEnergyForum-2012.doc

8. Please alert students, recent graduates, and colleagues to the following opportunity:

Here is a fantastic opportunity for the appropriate faculty/scientist to collaborate with a Fullbright student from Uruguay!

His research interest is in designing small wind turbines sustaining medium wind speeds. He will be based at NREL during his ~2 month visit (Sept. 19 to Nov. 11, 2011) and is looking for collaborations in the above mentioned fields. All expenses incurred by his visit would be paid by his program. For his CV, project statement and general info, please email Florence Bocquet [bocquet at colorado dot edu](mailto:bocquet@colorado.edu) . Thank you to those who already responded to this young Fullbright fellow's call.

Hope everyone has a nice summer!