

Monthly CREW Update: August 2011

Here is an update on past and upcoming activities as well as opportunities:

1. The 3rd Annual CREW Symposium, held on August 12, was well attended with nearly 15 companies and more than 75 participants. Thank you to all of you who made this annual event a success!

We always look for improving the event so we would like your feedback! If you have not already done so, we would appreciate if you could respond to the survey below. It should only take a couple of minutes of your time. Thank you!

<http://www.surveymonkey.com/s/33FLV3G>

Thank you to all who have already shared their comments.

2. Our CREW seminars will resume on Sept. 9 for the Fall 2011 with Dr. Sue Haupt of NCAR who will talk about "NCAR's Wind Power Prediction System". The seminar series will take place on the following Fridays at 11am-12pm: Sept. 9, Oct. 7, Nov. 11 and Dec. 9. The Fall seminar series will again take place in room ECCS 1B28 (CAETE studio) at the CU Engineering Center (same room as last Fall). The CREW seminars will also continue to be broadcast live. Join us on Sept. 9 with Dr. Haupt!

3. This semester Fall 2011, a new course on "Environmental Signal Processing" may be of interest to CREW-affiliated members. The course will also be offered on CAETE (live broadcast), and will come with an extensive lecture slide set. The flyer can be found at:

http://crew.colorado.edu/Newsroom/News/Course_CU_ECEN-5004_EnvironmentalSignalProcessing_Aug22-11.pdf

4. The 2nd Wind Turbine Condition Monitoring Workshop will be held on September 19 & 20, 2011. The purpose of this workshop is to explore the state of the art of wind turbine drivetrain condition monitoring (CM) and structural health monitoring (SHM) for wind turbine drivetrain, blades, and primary support structure. Areas of primary interest are failure modes, sensing, diagnostics, prognostics, data mining, and asset management techniques. It is also hoping that the workshop will become an open platform for information exchange.

For more information (e.g., registration and other logistics information), the workshop web site is: http://www.nrel.gov/wind/workshop_20110919.html

Same as the 2009 workshop, the 2011 workshop will not collect registration fee from attendees. (However, this may change, if you do not act quickly enough.)

The deadline for registration will be September 5 and the spaces are limited to 150.

5. 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.

6. 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

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

- a. The National Renewable Energy Laboratory (NREL) in Golden and Boulder, CO is looking to hire several senior-level engineers and post-docs who will be working in the wind turbine modeling group at NREL. Interested applicants should go to http://www.nrel.gov/employment/job_openings.html, select “Search Openings”, and search for positions in Center Office Number “5000”.
- b. The National Renewable Energy Laboratory (NREL) in Golden and Boulder, CO, is looking to hire a postdoctoral researcher in wind-turbine structural modeling. Interested applications can find more information and apply online at the NREL jobs page: http://www.nrel.gov/employment/job_openings.html under the requisition number 2147BR.

Hope everyone had a great summer!