

Monthly CREW Update: January 2011

Happy Belated New Year! ... and Happy Lunar New Year! ;-)

Here is an update on upcoming activities and opportunities:

1. Please join us for our first CREW seminar of 2011 at 2pm on Monday, January 31, in Room B101 of the Natural Environmental Sciences Building at CSU. Professor Mark Balas from the University of Wyoming will be talking to us about "Adaptive Control of Utility-sized Wind Turbines in Operating Regions 2 & 3". More information about the seminar, including directions and parking information, can be found at

http://crew.colorado.edu/Newsroom/Events/2011Spring_Seminar1_MarkBalas_UofWyoming_Jan31.pdf

2. Our CREW monthly seminars will continue at CSU at 2pm on the last Monday of each month this semester (February 28, March 28, and April 25). Sid Suryanarayanan, our CREW CSU Site Director, is lining up speakers for the rest of Spring 2011, and we will send out seminar announcements as the speakers, titles, and abstracts are finalized for the seminars. The information will also be posted to our CREW website at <http://crew.colorado.edu>

3. CREW/NREL will be holding a workshop on NREL-developed wind turbine design tools on Friday, March 4, 9am-5pm, on the CU-Boulder campus. Through US Department of Energy support, NREL has sponsored the development, verification, and validation of various tools for prediction of wind turbine performance, loads, and response. The workshop will focus on the coupled wind turbine aero-hydro-servo-elastic design tool FAST with AeroDyn and HydroDyn. The workshop will present the basic theory, structure, capabilities, and future plans of this tool and sample simulations will be run to demonstrate its features. Researchers, faculty, and students from CREW institutions and CREW member companies may attend for free. A nominal fee will be charged for participants from non-CREW institutions and non-CREW member companies. We are finalizing the arrangements for this workshop, and we will send out a more formal announcement and invitation to attend the workshop in the next couple weeks.

In general, more information about CREW can be found at our website, <http://crew.colorado.edu>