

Monthly CREW Update: December 2009

Here is a brief update on our recent and upcoming activities.

1. On December 3, Brian Healer from RES-Americas gave our first CREW seminar on "Overview of Technical Challenges Facing Utility-Scale Wind Farm Development," and it was an excellent talk that was well received by the numerous attendees.
2. We are planning our next CREW seminar on January 25, 2010 at 2pm on the CU campus (again in one of the studio classrooms). We will send out another notice with further details once we have confirmed with the speaker on things.
3. We are finally ready to announce our CREW website at:

<http://crew.colorado.edu>

A big thanks to both Florence Bocquet (CREW Managing Director) and Tanvi Shah (CU earn-learn graduate student) who have put the website together. The website is still undergoing a number of changes and updates over the next few weeks, and we will then continue to update and expand the material on the website as time permits. ;-)

4. Vestas' Production Engineering Directors had a great visit with a number of researchers at CSU, CU, and CSM on December 9. We hope that on-going discussions with Vestas will lead to internships, more sponsored research, and other collaborations between CREW and Vestas.
5. We are pleased to announce that CREW and NOAA have formally signed a Memorandum of Agreement, and as such, NOAA is now a formal partner in CREW. We welcome continued and expanded interactions and collaborations with NOAA.
6. We continue to work to establish a similar Memorandum of Agreement with NCAR.
7. Please alert interested students and others to the following opportunities:
 - a. ARPA-E has announced the creation of the "ARPA-E Fellows Program". The ARPA-E Fellows Program will consist of highly technical scientists and researchers, who will actively help create the strategic direction and vision of the country's first agency devoted exclusively to transformational energy technology research and development. Fellows will support ARPA-E's Program Directors in program creation, while also undertaking independent explorations of promising future research areas for the agency. Fellows will also engage with world class researchers and innovators to develop theses for high impact ARPA-E research program areas, prepare energy technology and economic analyses, and make recommendations to DOE senior management. ARPA-E Fellow terms will not exceed two years. There are 2 levels of Fellows:
 - Senior Fellows (3+ years after PhD)
 - Fellows (<3 years after PhD and in rare cases while still earning a PhD)

All ARPA-E Fellows and Senior Fellows are full-time federal employees paid at a competitive salary. For more information, see <http://arpa-e.energy.gov/JO.html> .

b. AdamWorks is a composite designer and manufacturer for multiple industries in Centennial, Colorado. AdamWorks currently has a DARPA contract to develop Elastic Adaptive Blade Structures, as well as a wind powered battery recharger for defense. They are seeking talented graduates or graduate students for internships and employment positions for the program. Those interested should contact Kim Burquest at AdamWorks directly for further information: kim.burquest@adamworksinc.com or 303.200.6604. More about AdamWorks can be found at www.adamworksinc.com .

c. There is a new online job board to list clean energy jobs and internships for college students (undergrad and graduate). Go to www.dayawaycareers.com to learn more. Participating is free to both students and employers.

d. The US based Fraunhofer Center for Sustainable Energy Systems (CSE) located near MIT (with ties to Fraunhofer Institute for Solar Energy Systems (ISE) in Freiberg, Germany) has available positions in the following areas:

- * Controls Engineer
- * Data Acquisitions and Sensor Engineer
- * Home Energy Systems Modeler
- * Behavioral Scientist
- * Residential Systems Engineer
- * Building Construction Engineer
- * Building Energy Simulator
- * Building Material Scientist
- * Building Technology Analyst
- * Building Scientist- Building Enclosures Lead
- * Office Manager/Executive Assistant

For more information, go to <http://cse.fraunhofer.org/jobs---careers/>

Best Wishes for a Wonderful New Year!