

## Monthly CREW Update: February 2012

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

**1. Seminar series:** Please join us for the next monthly seminars, which will take place at Colorado State University (room Routt Hall) at 10:00am-11:00am. On the following dates, here will be our speakers:

- **Feb. 24, 2012** - Prof. **Mark Balas**, University of Wyoming, who will talk about “Adaptive Control of Utility-Sized Wind Turbines in Operating Regions 2 & 3.” For more information, please visit: <http://crew.colorado.edu/SeminarSeries2012>

- **Mar. 9, 2012** - Prof. **Wei Qiao**, University of Nebraska-Lincoln:  
<http://engineering.unl.edu/academicunits/electricalengineering/faculty-staff/weiqiao.shtml>

- Apr. 13, 2012 - Prof. Dionysios Aliprantis, Iowa State University:  
<http://home.eng.iastate.edu/~dali/research.html>

As in the past, our seminars will be broadcast live!

**2. CSU's Center for the New Energy Economy** presents “National Security & America's Energy Future” (Spring 2012 Energy Forum)

When: Monday, February 27, 5:30-7:00pm

Where: Colorado State University, Plant Sciences Building, Fort Collins, CO

Who should attend: College faculty, staff & students, elected officials, policy makers, business leaders, industry, environmental, government, non-profits, military, community.

Free, open to public, no registration required but limited seating, and free parking. For questions, call Maury Dobbie 970-491-3788 or for more information about the event, please visit: <http://cnee.colostate.edu/energy-forum.html>



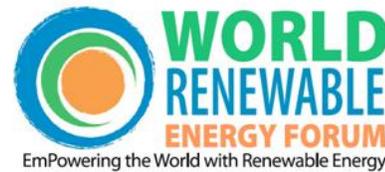
**3. The National Renewable Energy Laboratory (NREL)** will be holding a workshop on March 2, 2012, 9:00-17:00, on the NREL-developed wind turbine computer-aided engineering (CAE) software tools. This one-day workshop is free, but attendance is limited to the first 50 registrants. For more information and registration, please visit:

<http://crew.colorado.edu/Workshops-Courses>

Deadline to register: February 24, 2012.

**4. As part of the Energy Innovation Speaker Series and The Big Energy Seminar Series,** the University of Colorado Law School, RASEI, and the Silicon Flatirons Center for Law, Technology, and Entrepreneurship present Robert Gramlich, Vice President for Public Policy, American Wind Energy Association – who will talk about “US Wind Energy Challenges & Opportunities” on Thursday, March 1, 2012, 5:30-6:30pm, with a networking reception to follow. For more information and (free but required) registration, please visit: <http://www.energy-innovation.org/events>

5. The World Renewable Energy Forum (WREF 2012), the premier international renewable energy conference, will be held in Denver, CO on May 13-17, 2012. Organizers are proud to share that renewable energy researchers from around the world have submitted more than 800 abstracts and proposals for an additional 158 panels, forums and workshops. This



is spectacular response, more than doubles the number of papers submitted for the 2011 conference held last May in Raleigh, N.C. “We’re delighted to see that the level of participation reflects the vigorous progress in deployment of renewable energy technologies around the world,” noted Susan Greene, president of the American Solar Energy Society. “The conference is going to be a goldmine of information and networking contacts for renewable energy professionals, clean energy advocates and students.” Scientists, engineers, architects and economists from 66 nations and 37 states sent in proposals for presentations. The United States leads the count with 400 submissions, including 144 from national laboratories operated by the U.S. Department of Energy, and 191 from university faculty and students. For the first time, the American Solar Energy Society’s National Solar Conference will be held under the same roof with the biennial World Renewable Energy Congress. More than 2000 attendees are expected. For more information about WREF 2012, and to register for the conference, please visit: [www.wref2012.org](http://www.wref2012.org)

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

- a. Earth-related job search engine: EarthWorks is an extensive listing of physical science jobs. Numerous categories of interest: Renewable Energy, Electrical Engineering, Environmental Engineering, Climate/Atmospheric Science, etc. Please visit: <http://www.earthworks-jobs.com/>
- b. UMass Amherst’s new interdisciplinary graduate program in Offshore Wind Energy Engineering, Environmental Science, and Policy is looking for students and funding them with \$30,000 fellowships. Exceptional students in Industrial, Mechanical, Civil, and Electrical engineering, Environmental science, Biology, Economics, and Planning are urged to apply. Due to NSF requirements, only US citizens and green-card holders are eligible for the fellowships. For more information, please visit <https://windenergyigert.umass.edu/>
- c. NASA offers paid graduate-level internships in a wide variety of disciplines. Over 200 internships are available. The deadline is March 1, but offers may begin going out as early as Feb. 2. Visit <http://intern.nasa.gov> to apply for up to 15 opportunities with a single application.  
NSF offers a wide variety of paid summer research experiences for graduates and higher. For summer research specifically in engineering, please visit: <http://www.pathwaystoscience.org/engineering.asp>

Happy March, which is already around the corner!