

## Monthly CREW Update: December 2011

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

1. Our CREW seminar series for Fall 2011 concluded with a presentation by Yuji Yatomi of Mitsubishi who talked about “Wind Condition in the US Great Plains.” Mr Yatomi started with presenting some background meteorological challenges that wind turbines experience, e.g., LLJ and turbulence over complex terrain, and then continued with presenting the field measurements and monitoring that Mitsubishi is conducting at their site in central Texas on a few of their own turbines. Mr. Yatomi further discussed a number of remarkable results from analyses of selected Great Plains field observations. Towards the end, Mr. Yatomi showed interesting information and testing about more than a dozen of grease available on the market and how certain of those lubricants can drastically affect wind turbine efficiency.

2. We are happy to announce that the Spring 2012 seminar series will take place at Colorado State University (room Routt Hall) at 10:00am-11:00am. On the following dates, here will be our speakers:

- Jan. 20, 2012 - Dr. Anand Mylapore, MassTech Inc.

- Feb. 10, 2012 - Prof. Mark Balas, University of Wyoming:

<http://www.eng.uwyo.edu/electrical/faculty/balas/>

- 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!

3. The World Renewable Energy Forum (WREF 2012), the premier international renewable energy conference, happening in Denver, CO on May 13-17, 2012: registration has opened, and the deadline for submitting an abstract has been extended!



The registration page can be found at:

[https://netforum.avectra.com/eweb/DynamicPage.aspx?Site=ASES&WebCode=EventReg&evt\\_key=ea2447b7-bd42-49d7-aa4e-903a30fc65c9](https://netforum.avectra.com/eweb/DynamicPage.aspx?Site=ASES&WebCode=EventReg&evt_key=ea2447b7-bd42-49d7-aa4e-903a30fc65c9)

For more information about WREF 2012, please go to: [www.wref2012.org](http://www.wref2012.org)

Extended deadline for abstract submission: January 3, 2012

4. Call for Paper: the ‘Power Electronics and Machines in Wind Application’ (PEMWA 2012) symposium will take place at the University of Denver, Denver, CO on July 16-18, 2012. For more information on the symposium and paper submission guidelines, please go to: [http://crew.colorado.edu/Newsroom/Events/PEMWA2012\\_Flier.pdf](http://crew.colorado.edu/Newsroom/Events/PEMWA2012_Flier.pdf)

Deadline for paper submission: February 15, 2012.

5. Spreading the word about a film screening at the 16<sup>th</sup> Denver Jewish Film Festival about two communities, Israelis and Palestinians, finding common interest in harvesting wind energy:

Film title: The Human Turbine

Director: Danny Verete

When: Wednesday, Feb. 29, 5:30 pm (length: 54 min)

2010/Israel/Hebrew and Arabic with English Subtitles

Tickets will be on sale late December. For more information, please visit:

<http://www.maccjcc.org/film/2012-jewish-film-fest/>

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

- a. New NREL Postdoctoral Position: the Director's Fellowship. The fellowship is being sponsored by the laboratory. This is a new opportunity that has been championed by the Fellows Council. One or two new fellowships each year will be sponsored. The NREL Director's Fellowships are designed to attract the next generation of exceptionally qualified scientists and engineers with outstanding talent and credentials in renewable energy research and related disciplines. Candidates must be a recent PhD graduate (within 3 years of completion), and demonstrate a promising career of leadership and research. More information is available on the NREL website at:

[http://www.nrel.gov/rpp/directors\\_fellowship.html](http://www.nrel.gov/rpp/directors_fellowship.html)

This position will be highly sought after and very competitive. It would be great to garner one of these fellowships to support an innovative research effort in wind or marine energy to address an important topic that the programs are not currently interested in.

Deadline: December 30<sup>th</sup>, 2011.

Happy Holiday Season!

