



North American Wind Energy Academy 2013 Symposium & Graduate Student Symposium

University of Colorado Boulder
August 6-8, 2013

FORMAT

The NAWEA Symposium offers a unique opportunity to engage academia, industry and research institution stakeholders in an open forum dialogue to help overcome technology and policy gaps to achieving a high penetration of wind power in the domestic energy production portfolio.

The Symposium is the first in a series of technical meetings that will examine the broad range of topics required to achieve high wind penetration in the North American power generation sector. In addition to Wind Energy System Science and Technology technical tracks, the symposium will also feature sessions that provide holistic perspectives, overviews, and approaches necessary to maximize future deployment.

Inspired by a similar event in Europe, a Graduate Student Seminar will be held immediately following the NAWEA Symposium. The purpose of the Graduate Student Symposium is to allow graduate students to present their research and discuss it with their peers in a more casual environment than a traditional conference.

SCHEDULE

August 6-8 NAWEA 2013 Symposium

Two and a half days of technical sessions on the following topics:

- Wind Energy Science and Engineering
- Grid Integration and Management
- Electrical Transmission
- Atmospheric Sciences
- Environmental Sciences
- Social Acceptance
- Policy Research
- Business and Financing
- Innovative / New Technology
- Education and Curriculum

Following the Symposium:

August 8 afternoon – NAWEA Business Meeting (everyone welcome) Organizational options for NAWEA's path forward will be discussed

August 8 afternoon – Graduate Student Symposium (graduate students will present informal summaries of their research activities)

August 9 (all day) -- FAST short course: Wind Turbine Modeling training using the NREL suite of computer aided engineering tools (no registration fee but pre-registration is required)

The purpose of the North American Wind Energy Academy is to facilitate the growth of wind power into a cost-effective, high-penetration, sustainable national energy source producing at least 10 times the 2012 electricity production levels. To meet this energy goal, the academy will expedite the creation of a critical new wind energy research and development agenda that bridges education, multiple disciplines, and diverse organizations, and fosters national and international collaborations.

The mission of NAWEA is to bring together North America's foremost intellectual assets and to apply their collective talents to overcome the challenges of advancing wind power technology and its applications, optimizing its role in meeting national energy needs in an environmentally sustainable manner, while nurturing the development of future generations of technical, management, and policy experts to assure the continued sustainable advancement and optimization of wind power.

Leading experts in the wind energy field are working to develop the Symposium program, including:

Confirmed Keynote Speakers	Sandy McDonald	Director of NOAA's Earth System Research Laboratory and Chief Science Advisor for the Office of Oceanic and Atmospheric Research
	Peter Hauge Madsen	Head of Department, Danish Technical University Department of Wind Energy, "Wind Energy System Science and Engineering"
Session Chairs	Takis Chaviaropoulos, Javier Sans Rodrigo, Scott Schreck, David Wood, Ian Baring-Gould, Larry Flowers, Eric Lantz, Manuel, Jim Brasseur, Denis Matha, Phil Dutton, Sara Tyler, Julie Lundquist, Melinda Marquis, Alan Zehnder, Taber Allison, Bonnie Ram, Mark O'Malley, Tom Acker, Charlton Clark, Bruce Bailey, Edgar DeMeo, Kevin Doran, J. Charles Smith, Miguel A. Ortega-Vazquez, David Berry, Katherine Dykes, Andrew Meyers, Christopher Niezrecki, James Manwell, Andrew Swift	
Supporting Organizations	Department of Energy Wind & Water Power Program Technologies Office, Renewable and Sustainable Energy Institute, University of Colorado Boulder, and National Renewable Energy Laboratory,	
Conference Chairman	Robert Thresher	NREL Research Fellow
Organizers	Paul Veers	Chief Engineer, National Wind Technology Center
	Mike Robinson	Senior Technical Advisor to the US Department of Energy

Registration Information

The Symposium will be held on alternating years in different locations around North America. Registration includes 3-days of conference events, continental breakfasts, lunches, reception, conference dinner, and tour opportunities. Registration fees are:

Early Registration, through July 9: \$250
 Registration: \$300
 Student Registration: \$150

More information about NAWEA and Symposium registration are available at <http://www.nawea.org/> .