



NAWEA 2013 Symposium Boulder, CO

NORTH AMERICAN WIND ENERGY ACADEMY

Session Speaker

Petra Klein, University of Oklahoma

Lidar measurements of wind and turbulence for wind-energy applications



Petra Klein is an Associate Professor and Edith Kinney Gaylord Presidential Professor at the School of Meteorology, University of Oklahoma. She received a Doctor of Civil Engineering in 1999 and a Diploma in Physics in 1993 from the University of Karlsruhe in Germany. She was a Post-Doctoral Research Associate at the Institute for Atmospheric and Climate Science, Swiss Federal Institute of Technology (ETH), Zurich, Switzerland during 1999-2000. Her research area is boundary-layer meteorology with a focus on the experimental investigation of flow, turbulence and dispersion processes in the atmospheric surface layer and in cities. She has supervised and mentored more than 50 undergraduate and graduate students. She was a member of the National Academies Board of Atmospheric Sciences and Climate 2011 summer study: Committee on Urban Meteorology: Scoping the Problem, Defining the Needs; and is the author of a book chapter and 26 peer-reviewed journal articles.