



NAWEA 2013 Symposium Boulder, CO

NORTH AMERICAN WIND ENERGY ACADEMY

Session Speaker

Hui Hu, Iowa State University

Wind Turbine Aeromechanics and Interferences among Multiple Turbines in Onshore and Offshore Wind Farms



Dr. Hui Hu is a Professor of Aerospace Engineering at Iowa State University. Dr. Hu's technical background is in the field of experimental fluid dynamics and heat transfer with emphasis on developing and applying advanced flow diagnostic techniques to study various complex thermal flow problems. Dr. Hu's recent research interests include wind energy and wind turbine aeromechanics; icing physics, aircraft icing and wind turbine anti-icing/de-icing technology; film cooling, trailing edge cooling and thermal management of gas turbine blades. Dr. Hu received several prestigious awards in recent years, which include 2006 NSF-CAREER Award, 2007 Best Paper in Fluid Mechanics Award (Measurement Science and Technology, IOP Publishing), 2009 AIAA Best Paper Award in Applied Aerodynamics, 2012 Mid-Career Achievement in Research Award of Iowa State University, and 2013 AIAA Best Paper Award in Ground Testing Technology.