



# NAWEA 2013 Symposium Boulder, CO

NORTH AMERICAN WIND ENERGY ACADEMY

## Session Speaker

Richard Stevens, Johns Hopkins University

*Large Eddy Simulation studies of average power output in large wind farms: effects of wind farm length and turbine placement*



Richard Stevens is a post-doctoral researcher in the Turbulence Research Group of Prof. Charles Meneveau at the Johns Hopkins University where he works on large eddy simulations of extended wind farms. He obtained his master (2008) and PhD degree (2011) cum laude in the Physics of Fluids group of Prof. Detlef Lohse at the University of Twente in the Netherlands, where he worked on direct numerical simulations of (rotating) Rayleigh-Benard convection and worked on experiments in the Turbulence and Vortex Dynamics group of Prof. Herman Clercx at the University of Eindhoven. He is co-author of over 20 published (and submitted) journal articles and received various international awards for his PhD thesis.