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NORTH AMERICAN WIND ENERGY ACADEMY

Session Speaker

Laura Bianco, University of Colorado, CIRES

Improving Wind Energy Forecasts through Assimilation of New Meteorological Observations: Results from the Wind Forecast Improvement Project (WFIP)



Laura Bianco got a M.S. in Physics, from the University of L'Aquila, Italy, in 1998.

She got a Ph. D., from the University of L'Aquila, Italy, in 2002.

From 2002 till 2006 she was a young scientist at CETEMPS (Center of Excellence for integration of remote sensing techniques and numerical modeling for the forecast of severe weather), in Italy.

From 2006 to present she has had the position of Research Associate at CIRES University of Colorado/NOAA Earth System Research Laboratory/Physical Science Division.

Dr. Bianco is a researcher in the field of remote sensing of the atmospheric boundary layer.

She is now involved in the Wind Forecast Improvement Project (WFIP) which is a DOE sponsored research project that aims to improve the skill of NOAA's short-term weather forecast models at predicting foundational weather parameters (for example, wind speed, ramp events, and icing conditions) that impact wind energy generation.