

# GreeND Renewable Energy Talks!

Professor Thomas Corke of the Department of Aerospace and Mechanical Engineering will discuss his research on wind turbines. Professor Corke studies fluid mechanics at the Hessert Labs at the University of Notre Dame. His research could help increase the efficiency of wind turbines and make them a more viable use of energy for our planet! Come hear him explain his ideas and proposed research! He is speaking on

**Thursday, December 1st at 6:30PM**  
in room **109 of Stinson Remick Hall.**



“Corke said they are working with plasma flow actuators, a little device they believe can increase the energy output by **20 percent**. Corke explained the plasma flow actuator ionizes the air, which changes the way the wind flows around the blades of the turbine. This means the actuators can adjust the wind as weather conditions change to maximize the energy produced.” *(South Bend Tribune, May 30, 2011)*

