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Tuesday, February 24

- 7:30 am** Early Registration & Continental Breakfast
- Introduction**
- 8:30am** Tom Ashwill, SNL, *Welcome to Conference and Overview of Blade Technology*
- Keynote**
- 9:00am** Peter Jamieson, Garrad-Hassan, *Evolution of Modern Wind Turbine Rotors*
- Design & Manufacturing**
- 9:30am** Brian Glenn, Clipper, *The Evolution of Blade Manufacturing*
- 10:00am** ****Break**
- 10:30am** Ramesh Gopalakrishnan, GE Wind, *Blade Design & Manufacturing: A GE Perspective*
- 11:00am** Derek Berry, TPI, *Blade Manufacturing Improvements*
- 11:30am** Dayton Griffin, GEC, *Cost Performance Trade-offs for Carbon Fiber*
- 12:00pm** ****Lunch**
- 1:00pm** Richard Palmer, SP Systems, *An Integrated Approach to Successful Blade Development*
- 1:30pm** Kyle Wetzel, Wetzel Engineering, Inc., *Large and Small Blades, Design & Manufacturing*
- 2:00pm** Jean Lonjaret, Southwest Wind Power, *Design & Manufacturing of Injection Molded Small Blades*
- 2:30pm** Bill Leighty, Alaska Applied Sciences, *High Compression Bladder Molded Prepreg (HCBMP) for Low-Cost Production of a 6-m Blade*
- Materials & Codes**
- 2:45pm** Tom Lemire, Toho, *Carbon Fibers-What's in the Wind?*
- 3:10pm** ****Break**
- 3:30pm** Jeff Engbrecht, Toray, *Relevant Issues of Carbon Fiber for the Emerging Wind Market*
- 4:00pm** Mansour Mohamed, 3Tex, *3d Weaving Technology*
- 4:25pm** Martin Kokoshka, Grafil Inc., *Value Chain of Carbon Fibers in the Wind*
- 4:45pm** *Announcements and Adjourn*
- 7:00pm** *Banquet (Guest Speaker - Mike Zuteck)*

Wednesday, February 25

- 7:30 am** Late Registration & Continental Breakfast
- Materials & Codes(continued)**
- 8:00am** John Mandell, MSU, *Materials Characterization*
- 8:30am** Bruno Boursier, Hexcel Research & Technology, *Compression Testing of Carbon Composites for Structural Applications in Wind Blades*
- 9:00am** Scott Schreck, NREL, *Turbine Aerodynamics & Modeling Uncertainties*
- 9:30am** Craig Hansen, Windward Engineering, *Blade Load Modeling*
- 10:00am** ****Break**
- 10:20am** Daniel Laird, SNL, *Codes for Blade Design*
- Testing & Certification**
- 10:40am** Walt Musial, NREL, *Testing & Certification*
- 11:10am** Arno van Wingerde, Knowledge Centre WMC, *Design & Testing of Rotor Blades*
- 11:35am** Bill Colavecchio, Underwriters Laboratories, *Certification*
- 11:55pm** ****Lunch**
- 1:00pm** Jan Hornbech, Risoe National Laboratory, *Blade Testing*
- 1:25pm** H.B Ben Hendriks, ECN, *Application of Optical Fibers for Blade Load Measurement & Condition Monitoring*
- Future Trends**
- 1:45pm** Paul Veers, SNL, *Session Introduction*
- 1:50pm** Case van Dam, UC Davis, *Airfoils for Structures*
- 2:20pm** Marco Zvanik, Owens-Corning, *Blade Manufacturing Issues & Trends*
- 2:50pm** ****Break**
- 3:15pm** Don Lobitz, SNL, *Stability Concerns for Large Blades*
- 3:40pm** Doug Cairns, MSU, *Design Manufacturing & Material Trends in Wind Turbine Blade Structures*
- 4:10pm** Peter Fuglsang, Risoe National Laboratory, *Aeroelastic Blade Design- Slender Blades with High Lift Airfoils Compared to Traditional Blades*
- 4:30pm** Ken Fisher, Goodrich De-icing and Specialty Systems, *Integrated Protection & Self Monitoring Rotor System*
- 4:50pm** Paul Veers, SNL, *Rotor Blade Research-Where Do We Go From Here?*
- 5:05pm** *Adjourn*