

Offshore Wind Development Summit
September 21-23, 2009—Washington, DC

Monday, September 21, 2009:

Offshore Wind Energy Technology Showcase

Workshop Chair:

George Hagerman, *Senior Research Associate*, Virginia Tech Advanced Research Institute

8:30-9:00 **New Technology Frontiers for Offshore Wind**
In order to tap into the largest area of offshore wind potential, advancements in deepwater offshore wind technology will be required. This presentation will examine the technology development needs in offshore turbines, fixed and floating foundations, construction techniques and vessels, and offshore grids.

George Hagerman, *Senior Research Associate*, Virginia Tech Advanced Research Institute

Foundation Technology Developments

9:15-10:15 **Brief presentations on emerging foundation technologies for deepwater and other applications**

Raymond Dackerman, *General Manager*, Blue H USA LLC
Dominique Roddier, Ph.D., *CTO*, Principle Power

10:15-10:45 Morning refreshment & networking break

Development of Advanced Turbines for Offshore Applications
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10:45-12:15 **Brief presentations on emerging turbine technologies for offshore applications**

Norbert Giese, *Director, Business Unit Offshore*, REpower Systems AG
Jan Madsen, *Sales Manager, Offshore*, Siemens Wind Power A/S (Brande, Denmark)
Uffe Vinther-Schou, *Sales Director*, Vestas Offshore A/S
Senior Representative, AREVA Multibrid (Tentative)

12:15-1:45 Group Luncheon

Offshore Wind Construction & Maintenance Technologies

1:45-2:45 **Brief presentation on construction, ship and maintenance equipment developments for offshore wind projects**

John Sinclair, *Managing Director*, Subocean Group Limited
Senior Representative, Technip USA (Tentative)

Hybrid Ocean Energy Systems

2:45-3:45 **Brief presentations on hybrid offshore wind/tidal/wave energy systems and technologies**

Ron Smith, *CEO*, Verdant Power Inc.
Bill Staby, *Co-Founder/President*, Resolute Marine Energy, Inc.

3:45-4:00 Afternoon refreshment & networking break

Obtaining Early Stage Financing

4:00-5:00 **Early Stage Financing**
Dianne Russell will discuss the current market for financing offshore wind technologies

Dianne Russell, *Senior Vice President / Regional Managing Director - Technology and Life Sciences*, Comerica Bank