

2006 Forum on Energy: Immediate Solutions, Emerging Technologies

**5/15/2006 - 5/17/2006
Radisson Paper Valley
Appleton, WI**

- 5/15/2006**
Session: 1 **12:00:p.m. - 1:15:p.m.**
Joint Lunch for Participants of International Energy Forum and Wisconsin Paper Council Annual Meeting
Keynote Speaker
Hon. Jim Doyle, Wisconsin Governor
- 5/15/2006**
Session: 2 **1:30:p.m. - 2:00:p.m.**
Welcome to International Energy Forum
Session Chair
Willis J. Potts, Jr., TAPPI Chairman
- 2 - 1 **The U.S. Energy Economy, Energy Efficiency Outlook, and DOE Priorities and Initiatives That Support Industrial Energy Efficiency for the Forest Products Industry**
Jacques Losique-Beaudry, U.S. Department of Energy Industrial Tech. Program,
Keynote Speaker
- 5/15/2006**
Session: 3 **2:00:p.m. - 5:00:p.m.**
Manufacturing Best Practices Panel
Panel Moderator
Patrick J. Schillinger, Wisconsin Paper Council
- 3 - 1 **Pulp and Paper Mill Energy Usage Benchmarking**
Merja Strengell, Jaakko Poyry Oy, Panelist
- 3 - 2 **Industry Best Practices**
Ben Thorp, Center for Technology Transfer, Panelist
- 3 - 3 **Recovery and Power Boiler Energy Optimization**
Ibrahim Karidio, PAPRICAN, Panelist
Ron Van Heek, PAPRICAN, Panelist
Vic Uloth, PAPRICAN, Panelist
Wen Li Duo, PAPRICAN, Panelist
- 3 - 4 **Driving Advances in the Pulp and Paper Space Through Third Party Collaborations**
Mike McMahon, Johnson Controls
- 5/15/2006**
Session: 4 **5:00:p.m. - 7:00:p.m.**
Networking Reception and Energy Trade Fair
- 5/16/2006**
Session: 5 **8:15:a.m. - 10:15:a.m.**
Case Studies of Operating Best Practices I
Session Chair
John L. Nicol, Focus on Energy
- 5 - 1 **Results of a Dryer Management System at Stora Enso North America**
Karen Rozumalski, Stora Enso
- 5 - 2 **Energy Savings with Energy Efficient Repulper Rotor Blade**
Bill Fineran, Voith Paper Inc., Speaker

- 5 - 3 **Energy Monitoring Results in Mill Energy Performance Savings**
Brian Eggesfield, St. Mary's Paper, Speaker
Brian Delvecchio, St. Mary's Paper, Speaker
Vesa Pylkkanen, American Process Inc., Speaker
Theodora Retsina, American Process Inc., Speaker
- 5 - 4 **Energy Cost Reduction at the Sodra Cell Varo Mill by Replacing Lime Kiln Fuel Oil with Gasified Biomass**
Pekka Saarivirta, Kvaerner Power Oy, Speaker
- 5/16/2006** **10:15:a.m. - 11:45:a.m.**
Session: 6 **Case Studies of Operating Best Practices II**
Session Chair
John Nicol, Focus on Energy
- 6 - 1 **Substantial Reduction in Boiler Steam and Oil Costs at Brazilian VCP-LA Mill Through Six Sigma**
Thiago Gazoni, Votorantim Celulose e Papel, Speaker
- 6 - 2 **Optimizing Pump Efficiency and Life Cycle Costs Performance**
Mike Pemberton, ITT IBG Goulds Pumps, Speaker
- 6 - 3 **Mill Use of Petcoke as an Alternative Lime Kiln Fuel to Reduce Energy Costs**
Hassan Loutfi, Jacobs Engineering, Speaker
Tom Harriz, Jacobs Engineering, Speaker
- 6 - 4 **Energy Savings Through High Speed TMP Refining**
Mark Sabourin, Andritz, Panelist
- 5/16/2006** **1:30:p.m. - 2:00:p.m.**
Session: 7 **Federal Support for the Forest Products Industry U.S. Department of Agriculture**
Keynote Speaker
David Tenny, Deputy Under Secretary of Agriculture
- 5/16/2006** **2:00:p.m. - 2:30:p.m.**
Session: 8 **Energy Trends & Outlook**
- 5/16/2006** **3:00:p.m. - 5:00:p.m.**
Session: 9 **Energy Management**
Session Chair
Benjamin Thorp, Consultant
- 9 - 1 **Reducing Energy Consumption at Stora Enso**
Tom Wroblewski, Stora Enso, Speaker
- 9 - 2 **Energy Outlook for the 21st Century**
Paul Conner, Southern Co., Speaker
Tom Harriz, Jacobs Engineering
- 9 - 3 **Pulp and Paper Mill Energy Cost Benchmarking**
AW Erspamer, Fisher International Inc., Speaker

- 9 - 4 **Alternative Fuels Can Significantly Reduce Costs - Three Case Studies**
David Seitz, RMT, Inc.
- 5/16/2006** **5:00:p.m. - 7:00:p.m.**
Session: 10 **Networking Reception and Energy Trade Fair**
- 5/17/2006** **8:00:a.m. - 9:30:a.m.**
Session: 11 **Industry/DOE Funded Emerging Technologies Commercially Available**
Session Chair
Lori Perine, Agenda 2020 Technology Alliance
- 11 - 1 **Surfactants Reduce Energy Demand Improve Yield, Eliminate Scale, Reduce Lim Kiln Fuel**
Mike Blackstone, Chemstone Inc., Speaker
- 11 - 2 **Recovery Boiler Operating Cost Reductions by Improved Deposition Monitoring and Control**
Stewart Boyd, Enertechnix Inc., Speaker
- 11 - 3 **Department of Energy**
Paul Scheihing, Department of Energy
- 5/17/2006** **10:00:a.m. - 12:00:p.m.**
Session: 12 **The Forest-Based Biorefinery**
Session Chair
Masood Akhtar, Center for Technology Transfer
- 12 - 1 **Spent Liquor and Biomass Gasification as the Foundation for an Integrated Forest Based Biorefinery**
Dan Burciaga, TRI, Speaker
- 12 - 2 **Demonstration of the Forest Bio-refinery at the Potlatch Cypress Bend Mill**
Tom Belin, Potlatch Inc., Speaker
- 12 - 3 **Status of Bio-refinery Development in Scandinavia**
Peter Axegard, STFI, Speaker
- 12 - 4 **Producing Bio-fuels From Wood Prior to Pulping**
Allan Glinski, Stora Enso, Speaker