

2005 ASEE North Midwest Conference Presentations  
 Session III – 1:45 – 3:15 PM

| Education and Curriculum Development – Room A |   |
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|   | <p><b>Internet Control and Distance Labs for Education</b><br/>           Huitian Lu, South Dakota State University</p> <p><b>Use of Virtual Lab Activities to Teach Materials Concepts</b><br/>           M. Cavalli, University of North Dakota<br/>           G. Bibel, University of North Dakota</p> <p><b>Towards Implementing Control Systems Theory Into the Energy Conversion Course</b><br/>           Steven Hietpas, South Dakota State University</p> <p><b>Labview and Labpro in the Undergraduate Laboratory</b><br/>           Oren Quist, South Dakota State University</p> <p><b>Teaching Seepage Properties of Soil Using a Liquefaction Tank</b><br/>           Aaron Budge, Minnesota State University, Mankato<br/>           W. James Wilde, Minnesota State University, Mankato</p> <p><b>Integrating Research of Virtual Prototyping in Undergraduate CAD Curriculums</b><br/>           Shanzhong Duan, South Dakota State University<br/>           Donnell Froehlich, South Dakota State University<br/>           Fereidoon Delfanian, South Dakota State University</p> |
| Education and Curriculum Development – Room B |   |
|   | <p><b>Panel Discussion:</b><br/> <b>Equipment for Living: A Model Reading/Discussion Course for Developing Engaged and Ethical Engineers</b> (50 Minutes)<br/>           Laura Grossenbacher, University of Wisconsin – Madison<br/>           Timothy Chapp, University of Wisconsin – Madison**<br/>           Garrett Fitzpatrick, University of Wisconsin – Madison**<br/>           Tom Kopriva, University of Wisconsin – Madison**<br/>           Kyle Oliver, University of Wisconsin – Madison**<br/>           Mark Ringstrom, University of Wisconsin – Madison**</p>  |
| Education and Curriculum Development – Room D |   |
|   | <p><b>Ethics in the Impact of Technology on Society Course</b><br/>           David Rogers, North Dakota State University</p> <p><b>Thermal Design Contest Using a Simulation Software Environment</b><br/>           Gregory Dvorak, University of North Dakota<br/>           Manohar Kulkarni, University of North Dakota</p> <p><b>Dash Knob Inspection Project</b><br/>           David Fly, University of Wisconsin - Stout<br/>           Corey Balts, University of Wisconsin – Stout**<br/>           Adam Cernohous, University of Wisconsin – Stout**<br/>           Blair Hunter, University of Wisconsin – Stout**<br/>           Anthony Owen, University of Wisconsin – Stout**</p>  |

*\*\*Denotes Student Presenter*