

Preliminary Agenda
Sustainable Mobility: A Practical Applications Approach for Engineers Symposium

June 18-19, 2009, NextEnergy, Detroit, MI

AGENDA AS OF 5-5-09. SPEAKERS AND TOPICS SUBJECT TO CHANGE

| DAY 1 | |
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| 8:00 | Welcoming Remarks , SAE Representative / Symposium Chair, NAKIA Simon, Chrysler LLC |
| SUSTAINABLE MOBILITY PULSE CHECK | |
| 8:15 | Progress report from WBCSD – Terry Cullum, Retired- General Motors Corp |
| 9:00 | Is the Automotive System Sustainable? – Greg Keoleian, Center for Sustainable Systems, University of Michigan |
| 9:45 | Break |
| 10:15 | Role of Vehicles in the Emerging Context of Transportation Systems – Sue Zielinski, SMART (in CARRS) University of Michigan |
| 11:00 | Achieving Sustainable Mobility Through Collaboration – Don Walkowicz, USCAR |
| 11:45 | Morning Wrap-up Discussion – Terry Cullum, Retired - General Motors Corp |
| 12:00-12:30 | Luncheon Keynote: Emerging Market Base of the Pyramid – Ted London, William Davidson Institute @ the University of Michigan |
| 12:30 | Lunch |
| CORPORATE SUSTAINABLE MOBILITY PROGRAMS | |
| 1:25 | ■ Balancing Market Demands with Corporate Sustainability Goals – David Raney, American Honda Motor Company Inc. |
| 1:50 | ■ Sustainability and Strategic Decision Making, BASF's Eco-efficiency Analysis – Bruce W. Uhlman, BASF Corporation |
| 2:15 | ■ Toyota's Practical Applications of Sustainable Manufacturing – Kevin Butt, Toyota Motor Corporation |
| 2:45 | Break |
| 3:15 | ■ Corporate Sustainable Mobility: A Chrysler Case Study – Reg Modlin, Chrysler LLC |
| 3:35 | ■ Aspects of Sustainable Mobility in Automotive Recycling – Joseph Holsten, LKQ Corporation |
| 4:05 | ■ Practical Application of Sustainability to Automotive Painting Processes – Tim Weingartz, Ford Motor Company |
| 4:30 | ■ Corporate Sustainable Mobility: A GM Case Study – Candace Wheeler, General Motors Corporation |
| 5:00 -6:30 | Tour of Next Energy/Networking Reception |
| | Visitors who tour NextEnergy can expect to see our lab wing filled with 7 entrepreneurial and research organizations developing alternative energy technologies and products. On our campus they will see our Alternative Fuels Testing platform which test new technologies on a variety of alternative and conventional fuels, as well as our Microgrid Power Pavilion, which tests distributed generation installations on or off the grid |

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| DAY 2 | |
| 8:00 | Day 2 Remarks , SAE Representative / Symposium Chair, Nakia Simon, Chrysler LLC |
| CORPORATE SUSTAINABLE MOBILITY PROGRAMS – NON AUTOMOTIVE | |
| 8:15 | Sustainable Mobility in Commercial Vehicle – Speaker, TBD, Ashland Composite Polymers |
| SUSTAINABLE MANUFACTURING | |
| 8:45 | Lean, Green and the More Strategic Issue of Sustainable Development – Mike Taubitz, Lean Journey LLC |
| LCA AND SUSTAINABILITY | |
| 9:15 | LCA Case Study – Peter Frise, Auto21 |
| 9:45 | Break |
| 10:15 | <p>Panel Discussion: Life Cycle Opportunities for Profits</p> <p>This panel will discuss the use of Life Cycle Assessment to identify externalities (both positive and negative) so as to monetize them and put them on the balance sheet. This action would make it possible to take advantage of environmental improvements to generate revenue streams, for example through carbon credits or through savings on air and water pollution. This panel is a first step towards changing the GAAP in order assure transparent and consistent accounting and harness the power of the marketplace and profitability to drive sustainability. Panelists include macroeconomists, accounting regulators, national environmental policy experts and LCA experts</p> <p>Moderators: Robert Kainz, Retired-Chrysler LLC and Rita Schenck, IERE Participants to date:</p> <ul style="list-style-type: none"> • Hazel Henderson, Ethical Markets, Inc • Lang Marsh, Portland State University, Eco-System Services • Lise Laurin, EarthShift LLC |
| 11:45 | Morning Wrap-up and Q&A Session – Rita Schenck, IERE |
| 12:00-12:30 | Luncheon Speaker: Update on SAE Grant Project for Green Chemicals - Jack Pokrzywa, SAE International |
| 12:30 | Lunch |
| COOPERATIVE VENTURES | |
| 1:30 | Alternative Energy’s Interface with Sustainable Mobility – Keith W. Cooley, <i>NextEnergy</i> |
| 2:00 | Argonne/VRP - End of Life Vehicle Recycling – Joseph Pomykala Jr., Argonne National Lab |
| 2:30 | Supplier Partnership on Materials of Concern – Pat Beattie, General Motors Corp. |
| 3:00 | Break |

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| 3:30 | <p>Where the Rubber Meets the Road – A Policy Path for Sustainable Mobility</p> <p>Sustainable Mobility is a complex aspiration because of numerous competing issues. Aligning the various participants in the mobility chain to address sustainability is essential to success. The closing session of the SAE Sustainable Mobility Symposium will provide insight into these challenges. Representatives from the public and private sectors will interact with Symposium participants to identify the policy enablers that will provide a pathway for sustainable mobility.</p> <p>Moderators: Terry Cullum, Retired General Motors Corp. Ron Williams, Retired General Motors Corp.</p> <p>Panel Participants:</p> <ul style="list-style-type: none">• John Mizroch, Wilson Sonsini Attorneys at Law (Former Acting Assistant Secretary for Energy Efficiency and Renewable Energy, Department of Energy)• Ross Good, Chrysler LLC• Keith Cooley, Next Energy• John German, International Council on Clean Transportation (ICCT) |
| 5:00 | <p>Wrap-up discussion w/ all participants – Moderator: Nakia Simon, Chrysler LLC Conference Chair</p> |

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