**XXXIV MIT Global Change Forum**

in collaboration with Carbon Management Canada and Suncor Energy

26-28 September 2012
The Fairmont Banff Springs Hotel, Banff, Alberta, Canada

**The Role of Fossil Fuels in the Transition Toward a Low Carbon Future**

**AGENDA**

Wednesday 26 September 2012

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>17:00 – 19:00</td>
<td>Registration</td>
<td>Curio Foyer, Mt. Stephen Hall, Fairmont Banff Springs Hotel</td>
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<tr>
<td>17:30 – 18:45</td>
<td>Reception</td>
<td>Mt. Stephen Hall, Fairmont Banff Springs Hotel</td>
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<tr>
<td>19:00</td>
<td>Welcome/Forum Overview</td>
<td>Alberta Room, Fairmont Banff Springs Hotel</td>
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<td></td>
<td>Keynote Address</td>
<td>Professor Ronald G. Prinn, Co-Director, Joint Program on the Science and Policy of Global Change, MIT</td>
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<td>Mr. Stephen Kaufman, General Manager, Sustainable Development - Oilsands, Suncor Energy</td>
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<td>Professor Louis Fortier, Scientific Director, ArcticNet, Université Laval</td>
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<tr>
<td>10:00 – 10:30</td>
<td>Break: Refreshments served</td>
<td>Riverview Lounge, Fairmont Banff Springs Hotel</td>
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Thursday 27 September 2012

All Meeting Sessions will be held in The Alberta Room, Fairmont Banff Springs Hotel

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<th>Time</th>
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<tr>
<td>8:30 – 10:00</td>
<td>1. SESSION TOPIC: Climate Change and the World’s Breadbaskets</td>
<td>Dr. John M. Reilly, Co-Director, Joint Program on the Science and Policy of Global Change, MIT</td>
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<tr>
<td></td>
<td>Opening Statement</td>
<td>Professor Evan Fraser, Department of Geography, University of Guelph</td>
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<tr>
<td></td>
<td>Opening Statement</td>
<td>Dr. Sergey Paltsev, Asst. Dir. for Economic Research, Joint Program on the Science &amp; Policy of Global Change, MIT</td>
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<td>Discussion Moderator</td>
<td>Mr. David Hone, Senior Climate Change Advisor, Group CO2, Shell International Petroleum Company</td>
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<td>Mr. Stephen Kaufman, General Manager, Sustainable Development - Oilsands, Suncor Energy</td>
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<td>Dr. John M. Reilly, Co-Director, Joint Program on the Science and Policy of Global Change, MIT</td>
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| 10:30 – 12:00 | 2. SESSION TOPIC: Transportation | Dr. Valerie Karplus, Research Scientist, Joint Program on the Science and Policy of Global Change, MIT |
|               | Opening Statement                             | Dr. Michael Wang, Environmental Analyst, Center for Transportation Research, Argonne National Laboratory |
|               | Opening Statement                             | Dr. Véronique Buginon, Asst. Dir. for Development, Joint Program on the Science & Policy of Global Change, MIT |
|               | Discussion Moderator                          | Served in: Mt. Stephen Hall, Fairmont Banff Springs Hotel |
| 12:00 – 14:00 | Lunch: Served in: Mt. Stephen Hall, Fairmont Banff Springs Hotel | |
| 14:00 – 15:30 | 3. SESSION TOPIC: Reducing the Carbon Footprint of Petroleum Resources | Mr. David Hone, Senior Climate Change Advisor, Group CO2, Shell International Petroleum Company |
|               | Opening Statement                             | Mr. Stephen Kaufman, General Manager, Sustainable Development - Oilsands, Suncor Energy |
|               | Opening Statement                             | Dr. John M. Reilly, Co-Director, Joint Program on the Science and Policy of Global Change, MIT |
|               | Discussion Moderator                          | Served in: Riverview Lounge, Fairmont Banff Springs Hotel |
| 15:30 – 16:00 | Break: Refreshments served                        | Riverview Lounge, Fairmont Banff Springs Hotel |

| 16:00 – 17:30 | 4. SESSION TOPIC: Alternative Fuels in the Utility Sector and the Life-Cycle Analysis | Dr. Francis O’Sullivan, Executive Director, Energy Sustainability Challenge, MIT Energy Initiative |
|               | Opening Statement                             | Professor Ronald G. Prinn, Co-Director, Joint Program on the Science and Policy of Global Change, MIT |
|               | Opening Statement                             | Ms. Anne Slim, Executive Director for Research, Joint Program on the Science and Policy of Global Change, MIT |
|               | Discussion Moderator                          | |
| 17:30         | Adjourn                                         | |

Friday 28 September 2012

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<td>8:30 – 10:00</td>
<td>5. SESSION TOPIC: Emerging Petroleum Resources</td>
<td>Dr. Sergey Paltsev, Asst. Dir. for Economic Research, Joint Program on the Science &amp; Policy of Global Change, MIT</td>
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<td>Opening Statement</td>
<td>Mr. Sigurd Heiberg, Advisor, Strategic Advisory Council, StatOil ASA &amp; Chairperson, UNECE Sustainable Energy</td>
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<td>Opening Statement</td>
<td>Mr. Gordon Lambert, VP, Sustainable Development, Suncor Energy &amp; Chair, Carbon Management Canada</td>
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<td>Discussion Moderator</td>
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| 10:30 – 12:30 | 6. SESSION TOPIC: International Market Developments and Climate Policy | Mr. Lev M. Freinkman, Senior Economist, BP Russia |
|               | Panel Discussion                                  | Mr. James T. Jensen, President, Jensen Associates |
|               | Discussion Moderator                             | Mr. Alexander Kurdin, Department Head, Strategic Research of World Energy, Russian Energy Agency |
|               |                                                    | Mr. Dennis McConaghy, Executive Vice President, Corporate Development, TransCanada Corporation |
|               |                                                    | Mr. Loren Cox, Deputy Exec. Dir. for Development, Joint Program on the Science and Policy of Global Change, MIT |
| 12:30         | Closing Remarks                                  | Dr. John M. Reilly, Co-Director, Joint Program on the Science and Policy of Global Change, MIT |
|               |                                                    | Mr. Richard Adamson, Managing Director, Carbon Management Canada |
| 12:45         | Adjourn                                           | |
| 12:45 – 14:45 | Lunch: Served in: Mt. Stephen Hall, Fairmont Banff Springs Hotel | |

Welcome/Forum Overview
Reception
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Lunch:
Closing Remarks
Dinner
Dinner
Reception
Adjourn

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