

Agenda

2013 Stanford-MIT Game-Changers Workshop

Thursday March 7th

Woodrow Wilson Center for International Scholars
1300 Pennsylvania Ave. NW, 6th floor
Washington, DC

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| 11:30 | Buffet Lunch |
| 12:30 | Welcoming Remarks
MIT President Rafael Reif |
| 12:45 | Overall Objectives of Game Changers, Why/ How?
Secretary George Shultz
Thomas W. and Susan B. Ford Distinguished Fellow, Hoover Institution, Chair, Shultz-Stephenson Task Force on Energy Policy |
| 1:10 | Framing the Energy Technology Challenges and Technology Options
Professor Ernest Moniz
Cecil & Ida Green Professor of Physics & Engineering Systems, Director, MIT Energy Initiative |
| 1:30-2:30 | Transportation, Vehicles and Fuels: Reducing Oil Dependence
Panel Chair: Sally Benson, Director, Global Climate and Energy Project, Stanford University
<u>Batteries</u> : Yi Cui, Associate Professor, Materials Science and Engineering, Stanford University
<u>Advanced Engines & Fuels</u> : Dr. Dan Cohn, Senior research scientist, MIT
<u>Biofuels</u> : Greg Stephanopoulos, Professor, Chemical Engineering, MIT |
| 2:30-3:30 | Electricity and the Built Environment: Decarbonizing Energy
Panel Chair: Arun Majumdar, Director of Energy Initiatives, Google.org
<u>Solar</u> : Vladimir Bulovic, Professor, Dept. of Electrical Engineering & Computer Science, Director, MIT Microsystems Technologies Laboratory, MacVicar Fellow
<u>Nuclear</u> : Burt Richter, Paul Pigott Professor in the Physical Sciences, Emeritus; Director Emeritus, Stanford Linear Accelerator Center
<u>Built Environment</u> : Dr. David Parekh, Vice President, Research, and Director, United Technologies Research Center |
| 3:30 | Break |
| 3:45-4:45 | Infrastructure/Supply Chains: 21st Century Efficient and Resilient Energy Infrastructures
Panel Chair: Munther Dahleh, MIT
<u>Smart Grid Deployment</u> : Julio Friedmann, Chief Energy Technologist, Lawrence Livermore National Laboratory
<u>Resilient Infrastructures</u> : Saurabh Amin, Asst. Professor, Civil and Environmental Engineering, MIT
<u>Defense Energy Needs</u> : Gary Roughead, Annenberg Distinguished Visiting Fellow, Hoover Institution |
| 4:45-5:45 | Moving the Energy Innovation Agenda Forward: What Are the Next Steps?
Open discussion led by Hal Harvey, CEO of Energy Innovation: Policy and Technology LLC., with comments from Susan Hockfield, MIT President Emerita |
| 5:45 | Concluding remarks
Secretary Shultz, Professor Ernest Moniz |
| 6:00 | Reception |

