
Energy Efficiency and Renewable Energy Day at MIT will bring together leaders from the Department of Energy’s Office of Energy Efficiency and Renewable Energy (EERE), MIT faculty members, students, and key members of the clean energy community to discuss EERE’s mission, vision, and accomplishments and expand existing areas of collaboration. This is a great opportunity for students to network with national clean energy leaders and learn more about internships, fellowships, and career opportunities within the federal government.

This collaborative event features panel discussions involving MIT and DOE experts on clean energy topics, including: sustainable transportation, renewable energy, grid modernization, energy efficiency, clean energy entrepreneurship, and advanced manufacturing. Student leaders will also moderate a lunch panel discussion with MIT alumni working at EERE about career paths in clean energy. The poster session at the end of the day will showcase current research projects by MIT students.

Draft Agenda

Thursday, March 17th
8:30am – 9:00am  Breakfast & Registration
9:00am – 9:10am  Opening Remarks and Introductions
                    Robert Armstrong, Director, MIT Energy Initiative, and Chevron Professor of Chemical Engineering
9:10am – 9:40am  Keynote – Driving the Clean Energy Economy: EERE’s Role in Spurring Innovation  EERE Assistant Secretary David Danielson will share his experiences at MIT and how they have impacted his path.

Morning Sessions
EERE Representatives will provide an overview of its Core Mission Areas and MIT Faculty will share current research and perspectives on future goals.
9:40am – 10:20am  Sustainable Transportation
                    Bioenergy, Electric Vehicles, Hydrogen and Fuel Cells
                    Rueben Sarkar, Deputy Assistant Secretary for Sustainable Transportation
                    H. Felix Wu, Program Manager, Materials Technology, Vehicles Technology Office
                    David Keith, Assistant Professor of System Dynamics, MIT
10:20am – 10:30am  Break
10:30am – 11:10am  Renewable Power and Grid Modernization
                    Geothermal, Solar, Wind, and Water
                    Doug Hollett, Deputy Assistant Secretary for Renewable Power
                    José Zayas, Wind & Water Power Technologies Director
                    Francis O’Sullivan, MITEI Director of Research and Analysis
11:10am – 11:50am  Buildings, Energy Efficiency, and Advanced Manufacturing
                    Buildings, Federal Energy Management, Manufacturing, and Weatherization
                    Mark Johnson, Advanced Manufacturing Office Director
                    Patrick Phelan, Emerging Technologies Program Manager, Building Technologies Office
                    Harvey Michaels, Energy Efficiency Lecturer and Research Scientist, MIT
                    Richard Braatz, Edwin R. Gilliland Professor, MIT

11:50am – 1:15pm **Lunch Panel with MIT Alumni**
Student Leaders will moderate a panel where alumni will discuss their experiences, opportunities at EERE, and other career focused advice.

- **Johanna Wolfson**, EERE Tech-to-Market Director
- **Brian Walker**, Clean Energy Manufacturing Initiative Senior Fellow
- **Joyce Yang**, former Lab Impact Director

1:15pm – 1:30pm **Break**

1:30pm – 2:45pm **Panel: Opportunities in Clean Energy Entrepreneurship**
EERE works with businesses, entrepreneurs, universities, local governments, national laboratories, and nonprofit organizations around the country to strengthen public-private technology partnerships, accelerate the movement of new technologies into the marketplace, and train tomorrow’s energy workforce. Panelists will share their diverse perspectives of these programs and opportunities for those who are interested in becoming entrepreneurs in this space.

- **Moderator:** David Danielson
- **Johanna Wolfson**, EERE Tech-to-Market Director
- **Thomas Hynes**, Senior Lecturer in the Martin Trust Center for MIT Entrepreneurship
- **Christopher Noble**, Technology Licensing Officer, MIT
- **Emily Reichert**, CEO, Greentown Labs

2:45pm – 3:00pm **Break**

3:00pm – 4:15pm **Panel: MITEI’s Low-Carbon Energy Centers and Opportunities for Collaboration with EERE**
MITEI Low-Carbon Energy Centers aim to advance research on solutions in specific technology areas, which include solar, storage and materials for energy and extreme environments. This panel will outline the goals of these centers and explore opportunities for shared agendas.

- **Moderator:** Robert Armstrong
- **Mark Johnson**, Director, Advanced Manufacturing Office
- **Elaine Ulrich**, Program Manager, SunShot Balance of Systems/Soft Costs, Solar Energy Technologies Office
- **Krystyn Van Vliet**, SMART Research Professor, MIT

4:15pm – 4:45pm **Closing Remarks**
- David Danielson
- Robert Stoner, MITEI Deputy Director for Science and Technology

4:45pm – 5:45pm **Networking Reception with Student Posters**