THAYER SCHOOL OF ENGINEERING
AT DARTMOUTH
PRESENTS THE SECOND ANNUAL
GREAT ISSUES IN ENERGY SYMPOSIUM

The Nuclear Option

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3:00–5:15 PM • SPANOS AUDITORIUM, THAYER SCHOOL
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An informed view of societal energy challenges and possible responsive measures requires understanding nuclear energy and related issues. While construction of a new nuclear power plant has not been initiated in the United States in over a quarter century, the situation is far from static in light of technological advances, increasing impetus to address climate change, and developments elsewhere.

PRESENTATIONS AND INTERACTIVE DISCUSSION FEATURING:

DR. ERNEST MONIZ Cecil and Ida Green Professor of Physics and Engineering Systems, Director of the Energy Initiative, and Director of the Laboratory for Energy and the Environment, Massachusetts Institute of Technology. Professor Moniz’ research contributions span theoretical nuclear physics and energy technology and policy. He was Associate Director for Science in the Office of Science and Technology Policy in the Executive Office of the President (1995–1997), Under Secretary of Energy at the United States Department of Energy (1997–2001), and currently serves on President Obama’s Council of Advisors for Science and Technology and Blue Ribbon Commission on America’s Nuclear Future. A Fellow of the American Association for the Advancement of Science, the Humboldt Foundation, and the American Physical Society and a member of the Council on Foreign Relations, Professor Moniz received the Seymour Cray HPCC Industry Recognition Award for vision and leadership in advancing scientific simulation and the Grand Cross of the Order of Makarios III for contributions to the development of research, technology, and education in Cyprus.

DR. JOE ROMM Senior Fellow at the Center for American Progress. Climate expert, physicist, author, blogger, and editor of the blog ClimateProgress.org, Dr. Romm focuses on reducing greenhouse gas emissions and increasing energy security through energy efficiency and green energy and transportation technologies. Senior positions he has held at the U.S. Department of Energy include Principal Deputy Assistant and Special Assistant for Policy and Planning. Romm’s acclaimed books and articles include Hell and High Water: Global Warming—the Solution, the Politics, and What We Should Do and The Self-Limiting Future of Nuclear Power. His newest book is Straight Up: America’s Fiercest Climate Blogger Takes on the Status Quo Media, Politicians, and Clean Energy Solutions. He is a Fellow of the American Association for Advancement of Science and was named to Rolling Stone magazine’s list of “100 People Who Are Changing America.” In naming him to its list of 2009 “Heroes of the Environment,” Time magazine called Romm “the web’s most influential climate blogger.”

DR. ALEX GLASER Assistant Professor, Woodrow Wilson School of Public and International Affairs, and Department of Mechanical and Aerospace Engineering, Princeton University. Professor Glaser is actively involved in research on technical aspects of nuclear energy use and related fuel-cycle technologies, and specifically on questions related to the proliferation of nuclear weapons. He has been an Advisor to the German Ministry of Environment and Reactor Safety and a member of a joint working group of the American Physical Society and the American Academy for the Advancement of Science on Nuclear Forensics. He is Associate Editor of the Journal of Science and Global Security and a member of the Science & Global Security Board of the Bulletin of the Atomic Scientists and the research staff of the International Panel on Fissile Materials.

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