Energy Science and Informatics Special Lecture

Title: Status of Nuclear Energy Policy in the United States and International Collaboration Efforts

Abstract: The United States is home to 93 operating nuclear power reactors, which generate 18 percent of the electricity on the U.S. power grid. Nuclear energy provides emission-free, firm power necessary to fundamentally underpin the transition to a carbon-free energy electric grid by 2035, while strengthening energy and national security, and providing opportunities to bolster the economic interest of the United States and its partners. To swiftly reduce our carbon emissions and rebuild U.S. leadership globally, the Biden-Harris Administration's priorities include keeping the existing nuclear power fleet in operation; deploying advanced reactor technologies; securing and sustaining the nuclear fuel cycle; strengthening nuclear safety, security, and safeguards; and expanding international nuclear energy cooperation and nonproliferation. Please join this special lecture by Dr. Katy Huff, Assistant Secretary for Nuclear Energy at the U.S. Department of Energy, talk more about the administration's nuclear policy priorities and deployment initiatives, as well as future nuclear industry opportunities.

Speaker's Bio: Dr. Katy Huff is the Assistant Secretary for Nuclear Energy in the U.S. Department of Energy (DOE). Before joining DOE in May 2021, she was a faculty member in the Department of Nuclear, Plasma, and Radiological Engineering at the University of Illinois at Urbana-Champaign, where she led the Advanced Reactors and Fuel Cycles Research Group. She was previously a postdoctoral fellow in both the Nuclear Science and Security Consortium and the Berkeley Institute for Data Science at the University of California - Berkeley. She received her Ph.D. in nuclear engineering from the University of Wisconsin-Madison in 2013 and her undergraduate degree in physics from the University of Chicago. Her research has focused on modeling and simulation of advanced nuclear reactors and fuel cycles.
https://www.energy.gov/ne/person/dr-kathryn-huff

Date/Time April 23(Tues), 2024 15:45- 16:45
Location: W8 – 10 F (East) Meeting Room（大岡山西８号館（Ｅ）大会議室）

Audience: Energy Science and Informatics Faculty and Students (no registration nor reservation required)

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