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NRC Co-Sponsoring Workshop Feb. 2-4 at NIST in Gaithersburg, Md., on Using Robot Technologies at Nuclear Power Plants

The Nuclear Regulatory Commission is working with U.S. and foreign counterparts in sponsoring the [International Workshop on the Use of Robotic Technologies at Nuclear Facilities](#) from Feb. 2-4 in Gaithersburg, Md.

The co-sponsors include the Organization for Economic Cooperation and Development's Nuclear Energy Agency; the U.S. National Institute of Standards and Technology (NIST); the U.S. Department of Energy's Office of Environmental Management; the U.S. Department of Homeland Security's Science and Technology Directorate, Office of Standards; the United Kingdom's Atomic Energy Authority; and, the Canadian Nuclear Safety Commission. The American Nuclear Society, ASTM International and IEEE Robotics and Automation Society are also collaborating on the workshop.

The workshop begins at 1 p.m. on Feb. 2 at the Green Auditorium on the NIST campus at 100 Bureau Drive in Gaithersburg. Those interested in attending must [register](#) and pay \$71 to NIST by Jan. 22. The workshop will cover existing and potential future uses of robotic technologies in safety applications and activities at nuclear facilities. The workshop will examine topics such as how robots can evaluate plant systems; how robots can locate and recover radioactive material; and, how non-nuclear applications can be adapted to nuclear situations. The workshop will include discussion of lessons learned from historic nuclear applications and experiences (e.g., Three Mile Island, Sellafield, and Fukushima Daiichi); ongoing research; and other relevant applications (e.g., NASA's Martian rovers).