

**2017 Mo-99 TOPICAL MEETING ON
MOLYBDENUM-99 PRODUCTION TECHNOLOGY DEVELOPMENT**

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MONTREAL MARRIOTT CHATEAU CHAMPLAIN
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Oak Ridge National Laboratory – R&D Capabilities

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ABSTRACT

Oak Ridge National Laboratory is the largest US Department of Energy science and energy laboratory, conducting basic and applied research to deliver transformative solutions to compelling problems in energy and security. ORNL offers leadership in four major areas of science and technology: Neutron Science, High Performance Computing, Materials, and Nuclear Science and Technology. This research is performed at 9 User Facilities, 5 Joint Institutes, 2 Innovation Hubs and 9 Research and Science Centers. For the past 7 years ORNL has been supporting the development of non-HEU methods for Mo-99 production in the United States, leveraging the lab's materials science, nuclear and chemistry capabilities. A summary of ORNL capabilities will be presented.