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Industrial Research at the Center for Nanophase Materials Sciences

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The Center for Nanophase Materials Sciences (CNMS) at Oak Ridge National Laboratory (ORNL) integrates nanoscience with neutron science, synthesis science, and theory and simulation. CNMS research focuses on understanding and controlling the physical processes that underpin functionality of nanoscale materials, systems, and architectures. Major CNMS capabilities include synthesis of specialized nanomaterials, nanoscale measurements and characterization, theory and simulation, and a 10,000 ft² nanofabrication laboratory. Operating as a national user facility, CNMS hosts scientists from around the world and across the research spectrum from basic exploratory research to applied science. Access to the Center is granted at no cost to researchers with intent to publish, and after competitive peer review of the scientific proposal. Proprietary access may also be arranged with cost recovery. This talk will focus on the capabilities of the center, and access strategies pertinent to industrial users.