



BROOKHAVEN NATIONAL LABORATORY

At Brookhaven National Laboratory, we all play a part in tackling the most important questions that face our nation and world today. With world-class facilities and experts in a variety of fields, we've created a legacy of seven Nobel Prize winning discoveries and countless breakthrough innovations. And we keep this legacy going every day by hiring those who are excited by innovation and pursue curiosity with passion.

Molten Salts in Extreme Environments Postdoctoral Research Associate Positions

The Energy Frontier Research Center on Molten Salts in Extreme Environments (MSEE) at Brookhaven National Laboratory (BNL) is pleased to announce that we are hiring Postdoctoral Research Associates. The MSEE Center's scientific mission is to provide fundamental, atomic-level understanding of bulk and interfacial molten salts, and the effects of molten salt exposure on interfaces. We are developing *in-situ* synchrotron, electrochemical and electron microscopy techniques for investigating high-temperature molten salts.

The positions require a Ph.D. degree in chemistry, physics, materials science or a related field. The interdisciplinary research will focus on structural and spectroscopic investigation of molten salts, solutes in them, and liquid-solid interfaces.

The positions are located in the BNL Nuclear Science and Technology Department. Experiments will be performed at the National Synchrotron Light Source II (NSLS-II), BNL's new, state-of-the-art synchrotron, the BNL Chemistry Division and the BNL Center for Functional Nanomaterials.

To find detailed descriptions of the position requirements and apply online, go to <https://jobs.bnl.gov> and search for "molten salts." For Job ID 1411, hands-on experience in either X-ray diffraction, reflectivity, or spectroscopy is required. For Job ID 1419, demonstrated experience in electrochemical methods or working with molten salts is required. Experience with the chemical and physical properties of materials at high-temperature is highly desirable for both positions.

Brookhaven National Laboratory offers a collaborative culture, a continuous learning environment, and an excellent benefits package (e.g. health plans, vacation, etc.).

To learn more about these and other BNL opportunities, visit <https://jobs.bnl.gov/>

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Brookhaven National Laboratory takes affirmative action in support of its policy and to advance in employment individuals who are minorities, women, protected veterans, and individuals with disabilities. VEVRAA Federal Contractor