

## **Postdoctoral Researcher(s) in Materials Theory**

### **Materials Science and Technology Division Oak Ridge National Laboratory Oak Ridge, Tennessee**

ORNL10-47-MSTD

#### **Project Description:**

One or more postdoctoral researcher positions are available in the broad areas of materials and condensed matter theory. The research emphases include structural and transport properties of low-dimensional electronic, plasmonic, magnetic, or spintronic materials; and first-principles design of novel nanostructured materials for clean energy. The successful applicants will work with Dr. Zhenyu Zhang of the Materials Theory Group, with strong collaborations with experimentalists. People with deep fondness of science and excellent publication records are strongly encouraged to apply.

#### **Qualifications: Ph.D. degree required**

Required disciplines in physics or other physical science

Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment.

#### **Technical Contact:**

Questions regarding the position can be directed to Zhenyu Zhang at [zhangz@ornl.gov](mailto:zhangz@ornl.gov). Please include the requisition number and title when corresponding.

#### **How to Apply:**

Qualified applicants may apply online at [https://www2.ornl.gov/ORNL\\_POST/](https://www2.ornl.gov/ORNL_POST/). All applicants will need to register before they can begin the online application. For complete instructions, on how to apply, please see the instructions at <http://www.ornl.gov/orise/edu/ornl/ornl-pdpm/application.htm>. When applying for this position, please reference the position title and number (ORNL08-43-MSTD).

Additional Information:

- [Materials Science and Technology Division](#)
- [Materials Theory Group](#)

This appointment is offered through the ORNL Postdoctoral Research Associates Program and is administered by Oak Ridge Associated Universities (ORAU). This appointment is open to all qualified U.S. and non-U.S. citizens without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.