

## **Postdoctoral Research Associate in Fusion Energy**

### **Fusion Energy Division Energy and Engineering Sciences Oak Ridge National Laboratory Oak Ridge, Tennessee**

ORNL08-77-FED

#### **Project Description:**

The Applied Superconductivity Group at Oak Ridge National Laboratory is currently seeking a postdoctoral research fellow to participate in active research projects on the physics of dielectrics and energy storage devices. In particular this research focuses on understanding dielectric properties of materials and composites and applying such materials to energy storage applications. A strong background in polymeric materials and nanodielectrics is desired. Experience with dielectric spectroscopy is a major plus. The position will involve fabrication of polymeric composites and performing electrical property characterization methods. The candidate will also assist in the dielectrics and high voltage related research. The person in this position will be expected to conduct research in the above areas and interface with other researchers in the fabrication and characterization of dielectrics.

#### **Qualifications:**

Applicants are expected to have a Ph.D. in engineering or physics. 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. Expected duration of these appointments is one year with the possibility of an extension.

#### **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 corresponding to ORNL regarding this position, please reference the position title and number.

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.