

# **Postdoctoral Research Associate in Fusion Energy**

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

ORNL09-19-FED

### **Project Description:**

The ORNL Fusion theory Program carries out a program of analytical and computational research on magnetized fusion plasmas. Reach topics include RF-plasma interactions, MHD equilibrium and stability, and transport (both classical and anomalous). The position would involve computational research (both code development and use) on one of more of these topics.

### **Qualifications:**

The successful candidate must have a Ph.D. in physics, computer sciences, or related field. Experience in the physics of magnetized fusion plasmas and on computer-based simulation on large computers is highly desirable. Applicants cannot have received the most recent degree more than five years prior to the date of application.

### **How to Apply:**

Qualified applicants must 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.

This appointment is offered through the ORNL Postgraduate Research Participation Program and is administered by the Oak Ridge Institute for Science and Education (ORISE). The position is open to citizens or legal permanent residents of the US without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.