

**Control System Programmer**  
**Spallation Neutron Source**  
**Oak Ridge National Laboratory**  
**Oak Ridge, Tennessee**

**Project Description:**

Applications are sought for a postdoctoral appointment to the Oak Ridge National Laboratory (ORNL). The successful applicant will support SNS Control System development at both/either the IOC and/or high-level applications level.

Support SNS Control System development at the EPICS IOC level in one or more of the front end, rf, power supply, vacuum and/or target systems. This includes development of automated procedures and protection systems.

Participate in the development of Java-based high-level applications for the EPICS/XAL – based SNS control system. Integrate control system applications with a modern software framework such as Eclipse. Develop hardware and software strategies for management and mining of archived control system data.

**Qualifications:**

Doctoral degree in physics, computer science or electrical engineering. Experience with EPICS and/or Java strongly preferred.

**How to Apply:**

**For immediate consideration**, please see the Web site for postings and links to the online application at <http://www.ornl.gov/orise/edu/ornl/postneeds.htm> - which is linked to <http://jobs.ornl.gov> .

**When applying for this position, please reference the position title and number (ORNL07-32-SNS).**

This appointment is offered through the ORNL Postdoctoral Research Associates Program and is administered by the Oak Ridge Institute for Science and Education (ORISE). The program 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.