

Postdoctoral Research Associates in Vehicle Imaging, Detection and Tracking

**Electronics, Sensors, and Controls Division
Oak Ridge National Laboratory
Oak Ridge, Tennessee**

ORNL08-63-ESCD

Project Description:

The [Image Science and Machine Vision](#) (ISMV) Group within the Electronics, Sensors, and Controls Division (ESCD) of Oak Ridge National Laboratory (ORNL) has an immediate opening for a postdoctoral researcher in the field of vehicle imaging, detection and tracking. The successful candidate will work on an ongoing project to detect and track vehicles in video streams. Part-time participation in biomedical and other imaging and pattern recognition projects is also possible. Some travel may be required.

Qualifications:

The successful candidate must have a recent Ph.D. in electrical engineering or computer science with a strong background in image processing and pattern recognition. Strong programming skills and familiarity with multithreading software is desired. The programming environments are Microsoft Visual Studio .NET and MATLAB. Demonstrated initiative and an innovative approach to solving problems are required.

Remarks:

The ability to obtain a DOE Q clearance is preferred for this position.

How to Apply:

Qualified applicants may apply online at 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 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.