

ORNL Postdoc Opportunities (SAP No. 50265347)
ORISE Posting No. **ORNL06-39-CSMD**
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Postdoctoral Associate
Advanced Computational Methods for Maritime Sensing

Center for Engineering Science Advanced Research
Computer Science and Mathematics Division
Computing and Computational Science Directorate
Oak Ridge National Laboratory

The Oak Ridge National Laboratory (ORNL) invites applications for Postdoctoral Associate (*with potential eligibility for future staff-level position*) to conduct research in the area of advanced computational methods for maritime sensing applications.

The position requires an outstanding candidate with demonstrated expertise in computational methods for 2D sonar arrays. Successful candidates must have broad experience in underwater signal processing methods and in the development and implementation of the corresponding algorithms on distributed multicore processor architectures. Experience with the CELL Broadband Engine processor architecture is desirable. Programming skills in FORTRAN 95/2003 and C are essential. *The position requires the ability to obtain and maintain a U.S. Department of Energy (or a Department of Defense) security clearance.* Such clearances typically require US citizenship.

For immediate consideration, send CV and a list of three or more references to: **Postdoc Positions--HPC, ORNL, P.O. Box 2008, Oak Ridge, TN 37831-6355**; or send via e-mail to CCSD_Staffing@ornl.gov.

Please reference the position title and number (ORNL06-39-CSMD) when corresponding about this position.

Appointments are for one year with an expected total duration of two years. Appointments are offered through the Oak Ridge Institute for Science and Education (ORISE): <http://www.ornl.gov/orise/edu/ornl/ornl-pd/ornlintr.htm> Annual stipend levels are highly competitive. The postdoctoral program is open to all qualified individuals without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.

ORNL, a multiprogram research facility managed by UT-Battelle, LLC, for the U.S. Department of Energy, is an equal opportunity employer committed to building and maintaining a diverse work force.