

## **Postdoctoral Research Associates in Experimental Optics**

### **Center for Engineering Science Advanced Research Computer Science and Mathematics Division Computer and Computational Sciences Directorate Oak Ridge National Laboratory Oak Ridge, Tennessee**

**ORNL09-31-CSMD**

#### **Project Description:**

The Oak Ridge National Laboratory (ORNL) invites applications for Postdoctoral Associates (*with potential eligibility for future staff-level positions*) to conduct research in the area of coherent beam combining from arrays of high power semiconductor lasers.

Two positions may be available (subject to funding) for outstanding candidates with strong background in experimental optics and lasers. Shorter-term visiting positions will be also considered. The salary is in the range of \$50-60K dependent on the availability of funding, candidate's experience and skills. The research will be conducted at ORNL in collaboration with Dr. Y. Braiman, Dr. B. Liu, and Dr. Y. Liu.

#### **Qualifications:**

The successful candidate is expected to have completed their PhD studies, and must have proven experience in experimental optics and lasers. Knowledge of and experience in semiconductor lasers and arrays are beneficial. Knowledge of fiber lasers, electronics, circuits, laser dynamics are beneficial, but not crucial. This person should be willing to work in a team environment, and collaborate with external partners.

#### **Technical Questions:**

Contact Dr. Y. Braiman at [braimany@ornl.gov](mailto:braimany@ornl.gov). Please reference the position title and number when corresponding about this position.

#### **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 applying for 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.