

PNNL Looking for a Director of the Center for Adaptive Supercomputing Software–Multithreaded Architectures

WANT TO BE A PART OF A GROWING, DYNAMIC ORGANIZATION THAT IS LITERALLY CHANGING THE WORLD?

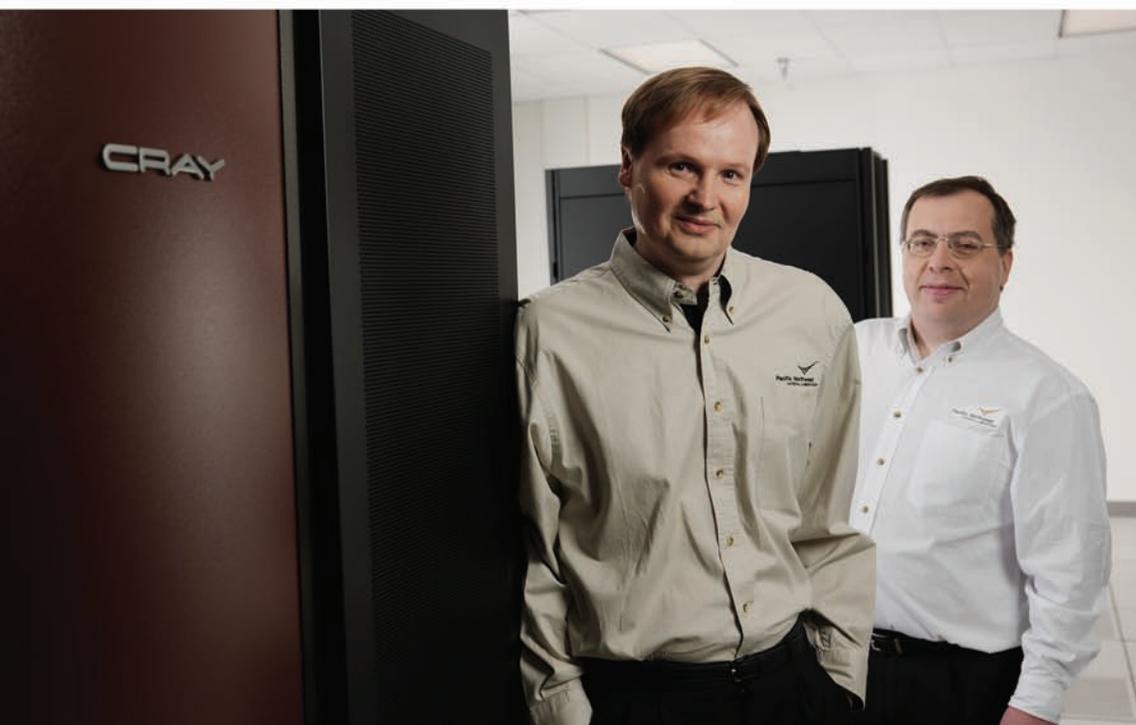
Pacific Northwest National Laboratory, a nearly billion-dollar organization located in Washington State, is looking for a senior, high-performance computing scientist to lead a recently established center. The Center for Adaptive Supercomputing Software - Multithreaded Architectures, or CASS-MT, is a new thrust area funded by the U.S. Department of Defense to conduct research critical to national security missions. CASS-MT provides world-leading solutions for improving the execution speed of irregular, data intensive applications.

CASS-MT's multithreaded supercomputer, the Cray XMT, has the potential to substantially accelerate data analysis and predictive analytics for many complex challenges in energy, national security, and fundamental science that traditional computing cannot do. The Center is dedicated to research on systems software, programming environments, and applications in a High-Performance Computing (HPC) multithreaded architecture environment. We seek to create collaborations and provide expertise for using the XMT systems and porting and optimizing applications. We achieve this by offering external and internal research partners availability to our Cray XMT system at CASS-MT, the only center like it world-wide.

The ideal leader for CASS-MT would be a national or international leader in high-performance computing such as a Chief Scientist or Fellow. He or she will manage the existing team of more than 30 researchers, which is rapidly growing. This individual will develop a national team of collaborators including other national laboratories, universities, private research organizations, and industry. The Director will be responsible for the strategic direction of CASS-MT as well as attracting additional research funding sponsors. This position requires experience in procuring funding and growth opportunities for new and unique programs.

To qualify, PNNL is seeking committed and most talented individuals who are:

- ▶ Sought after as an international authority in one or more aspects of HPC
- ▶ Recognized with extensive peer-reviewed publication placements on HPC
- ▶ Experienced with multithreaded architectures and/or applications
- ▶ Skilled in running a large, multidisciplinary organization with complex technical activities & objectives
- ▶ A leader that possesses a demonstrated ability to secure research funding.



Interested in applying?
Go to PNNL's web page at jobs.pnl.gov and look for Job ID 116126. Or, you can contact Moe Khaleel at (509)-375-2438.