



**PhD & Postdoc
Positions in Computational Seismology**
University of Munich, Germany
www.geophysik.uni-muenchen.de

The Department of Earth and Environmental Sciences (Geophysics Section, Seismology Group) at the Ludwig-Maximilians-University of Munich, Germany, is seeking applications from enthusiastic young researchers for positions at **Ph.D.** and **postdoc level** in computational seismology. The projects are funded by QUEST (www.quest-itn.org), a 15-partner European Training Network in Waveform Tomography coordinated by Munich Seismology and VERCE (www.verce.eu), an e-infrastructure project in seismology. We expect experience and strong interest in programming and high-performance computing in connection with seismic wave propagation and inverse problems. Applications from computational science (software engineering, parallel computing) are welcome. Research will focus on the adaptation of simulation codes to many-core systems, applications in all fields of seismology, and the development of a platform with HPC applications in earthquake seismology. The Department has a powerful Linux-cluster and access to local and international supercomputing facilities (www.lrz-muenchen.de). Applications are accepted until positions are filled. Please send a complete application with CV, a statement of research interests (one page), names of two references, preferably in PDF format to: Prof. Dr. Heiner Igel (e-mail: heiner.igel@lmu.de)