

Schlumberger

Research Position in Materials Modeling

Schlumberger-Doll Research invites applications for a post-doctoral research scientist position in Materials Modeling based in Cambridge, MA USA. The candidate will join our Mechanical and Materials Sciences Department. He/she is expected to bring a thorough knowledge of materials modeling from the atomistic to the continuum scale for the purposes of developing advanced materials for downhole use in the oil and gas industry. The candidate will participate in research projects with a group of materials scientists, mechanical engineers and chemists and will work closely with engineering teams throughout Schlumberger's R&D organization.

Job Requirements

The candidate is expected to have a Ph.D. in Materials Science or a related field, with a focus on modeling of material behavior. More experienced candidates will also be considered for a position commensurate with experience. Expertise in computational materials science, poromechanics and cementitious materials is preferred. Expertise in thermodynamics, mechanics, physical chemistry, phase transformation kinetics, transport phenomena, defect-property relationships including fracture mechanics, and experimental materials characterization including Design of Experiments is a plus.

About Schlumberger

Schlumberger is the world's leading oilfield services company supplying technology, information solutions and integrated project management that optimize reservoir performance for customers working in the oil and gas industry around the world. For more information about Schlumberger, please refer to our web site <http://www.slb.com>.

Applicants should send letter of intent and resume via E-mail to SDRJobs@slb.com. Schlumberger is an equal opportunity employer and is committed to the diversity of its workforce.