Job Title: Research Scientist  
Location: Schlumberger-Doll Research, Cambridge, MA, USA  
Status: Full-Time

Job Description and Responsibilities
At Schlumberger-Doll Research (SDR) Center, Cambridge MA, the Robotics and Sensors department is seeking applicants for a Research Scientist position. Our team is focused on developing autonomous systems that facilitate energy access while reducing greenhouse gas emissions in alignment with our sustainability ambitions. In our team, we invent and prototype autonomous systems that operate in challenging conditions.

We are looking for enthusiastic candidates specializing in engineering, applied mathematics, or AI to join our multidisciplinary team. The successful candidate will conduct research in robust and real-time algorithms that drive the next generation of autonomous systems, with the following responsibilities:

- Develop solutions for Bayesian state estimation, uncertainty quantification, path planning and robotics control
- Lead the adoption of AI based algorithms that improve robustness and scalability
- Analyze big data sets to assess and correct performance deficiencies
- Validate and assess algorithm performance on real and synthetic data

Taking advantage of the vibrant Boston innovation ecosystem, he/she will participate in strategic engagements with academic research institutions and worldwide industry partners.

Qualifications

- M.S. or Ph.D. degree in Engineering, AI, Applied Mathematics, Robotics, Statistics, or related fields.
- Outstanding academic credentials and project experience in one or a combination of the following domains: autonomous systems, statistical inference, or machine learning in complex physical systems.
- Proficiency with at least one programming language (Python or C++)
- Excellent problem-solving, organizational, and communication skills.
- Commitment, ambition and enthusiasm for science and technology coupled with an ability to work with a multicultural team of scientists and engineers.

How to Apply:
Applicants are asked to submit an online application under Technology on www.careers.slb.com. Please also submit a brief letter of intent and resume to mabuhaikal@slb.com, with the reference “Robotics RS AT” in the email title.

About Schlumberger:
We are Schlumberger, the leading provider of technology and services to the energy industry. Throughout much of the oil and gas lifecycle in over 120 countries; we design, develop, and deliver technology and services that transforms how work is done.

We define the boundaries of the industry by unleashing our talented people’s energy. We’re looking for innovators to join our diverse community of colleagues and develop new solutions and push the limits of what’s possible. If you share our passion for discovery and want to find out what you could really do, then here is the place to do it.
Schlumberger-Doll Research (SDR) is the prime corporate research center for Schlumberger, integrated project management and information solutions to customers working in the energy industry worldwide. SDR engineers and scientists are working in various fields including robotics, computational sciences, geosciences, and advanced materials. Located next to MIT campus, SDR employees have highlighted the working environment, camaraderie, diversity, technical expertise, exposure to new technical challenges, and the Boston/Cambridge area, as prime elements they enjoy being part of this engaging and diverse team.

Schlumberger is an equal opportunity employer. Qualified applicants are considered without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, status as a protected veteran or other characteristics protected by law.