

# Schlumberger

The NMR (Nuclear Magnetic Resonance) program at Schlumberger-Doll Research (Boston, MA) has a full-time associate scientist position and several internship spots, available immediately.

The project involves building several SOI/GaN integrated circuits and the associated subsystems, as part of a miniaturized subsurface sensing platform aiming at propelling NMR technologies to long-term distributed imaging of Earth's subsurface. It is a joint effort with Harvard University and part of the privileged APAR-E Open 2018, funded by DOE.

<https://phys.org/news/2019-01-miniaturized-nuclear-magnetic-resonance-oil.html>

The desired candidates are driven and talented scientists with the below qualifications:

- PhD in electric engineering or physics, or Master in similar disciplines with a minimal 3-year industry background;
- power electronics
- experience with design toolkits (3D CAD and Altium/Cadence)
- experience with fast prototyping (sensors and PCBs)
- NMR

For interested applicants, please contact Ray Tang at [ytang12@slb.com](mailto:ytang12@slb.com) with an updated resume.