

Senior Experimental Physicist

Visuray is seeking an experimental physicist to join a small team of highly qualified and culturally diverse scientists based in Katy, Texas to further the development of its game changing downhole X-Ray technology for oilwell diagnostics.

Candidate should have:

- A Ph.D. in Physics with a specialization in areas such as atomic, molecular, radiation or nuclear physics
- Extensive laboratory experience in designing, executing, and analyzing results of experiments.

Preferred qualifications:

- Experience with development and testing of X-ray technology.
- Minimum 5 years of experience in applied projects, setting and prioritizing achievable goals.
- Candidate will be a self-starter requiring little or no supervision and able to integrate into a highly professional and results oriented team.

About Visuray

Visuray is a pioneer in downhole X Ray technology which enables companies to obtain 2D and 3D data from inside an oil well regardless of the nature of the fluid within. We have invested \$200 M in research since our foundation to develop a unique technology which comprises a compact power supply, X-ray sources, solid state pixelated photon counting detectors, thermal management technology and deep learning technology. Our tool works up to temperatures of 125°C and a pressure of 10,000 psi. The HV supply generates +/-200kV and fits inside a 65mm tube, the X ray source develops 10,000 to 40,000 Ci and the solid-state photon counting device boasts 100,000 -160,000 pixels. Our game changing technology does not require a chemical nuclear source thereby offering a safer and greener environmental performance to meet the increasingly stringent government safety regulations.