

Neutron Scattering Instrument Scientist Positions

Songshan Lake Materials Laboratory has multiple openings for neutron scattering scientists. The laboratory was established in 2018 under the leadership of the Institute of Physics, Chinese Academy of Sciences in partnership with the Chinese Spallation Neutron Source (CSNS) and the city of Dongguan; with an initial, first phase funding of RMB ¥5 billion (approx. US \$750M) provided by the city of Dongguan. The laboratory is located next to CSNS in Dongguan, China, about an hour north of Hong Kong.

A key part of the laboratory's core competencies is the platform for neutron scattering sciences, which will consist initially of a suite of time-of-flight neutron scattering instruments at the CSNS:

- A direct geometry thermal chopper spectrometer
- A direct geometry cold chopper spectrometer
- An indirect geometry, multi analyzer spectrometer
- A single crystal and cross-correlation diffuse scattering spectrometer

The laboratory is seeking qualified and motivated scientists to lead the instrument design and construction efforts. The ideal candidate will have a Ph.D. degree in Physics, Chemistry, Biophysics, Material Sciences, Engineering or related fields, and a proven scientific record. Priority will be given to candidates with experiences in neutron and synchrotron scattering sciences and techniques. Exceptional candidates with experiences in related fields will also be considered. Candidates are expected to be able to effectively communicate with various instrument construction and support teams, as well as with the Chinese neutron scattering user community at large. The ability to communicate in Chinese is strongly preferred. Selected candidates are also expected to maintain his or her scientific research at a high level.

Candidates from entry to senior levels are encouraged to apply. Salary is generally in the range of RMB ¥400,000 to ¥800,000 depending on qualifications and experiences. Higher salaries are possible on a case-by-case base. Housing subsidies, and generous startup funding packages will also be provided.

The positions will be filled on a continual basis and will remain open until all are filled. Interested candidates should email their application letters along with their CV and 3 references or reference contacts to

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