



CLS@APS Associate Scientist

(3-year term position)

Job No. 911

Location: Argonne National Laboratory, Argonne, IL, USA

Canadian Light Source Inc. (CLSI) is Canada's national synchrotron research facility located on the campus of the University of Saskatchewan in Saskatoon, helping to facilitate scientific research aimed at finding Canadian solutions for global challenges in agriculture, health, advanced materials and the environment.

In support of Canadian-based researchers, CLSI and Argonne National Laboratory have entered into a partnership to operate the Spectroscopy group (SPC) of the X-ray Science Division (XSD) Facility at the Advanced Photon Source (APS) in Argonne, Illinois. The SPC group operates and maintains the sector 20 and 9-bend magnet (BM) beamlines.

CLSI is currently recruiting an **Associate Scientist** (equivalent to an Assistant Physicist position at the APS) to work as a member of the Spectroscopy (SPC) group to support Canadian researchers. The incumbent will be based at the APS, with an employment contract facilitated through a Research Service Agreement between the Illinois Institute of Technology and CLSI.

Responsibilities: Reporting to the CLS@APS Staff Scientist, the Associate Scientist will be a positive representative of the CLS, supporting the general user program at sector 20 and 9-bend magnet (BM) beamlines. This includes providing Canadian users with proper training, preparing the beamline for different experiments, and assisting the users during their measurements. As a member of the SPC group, the Associate Scientist will be expected to perform general beamline maintenance and scheduled beamline performance tests, as well as prepare documentation and protocols for sector 20 and 9-BM operation. The incumbent must have a strong interest in conducting research, either independently or collaboratively, utilizing sector 20 and 9-BM beamlines. Working flexible hours, including evenings and weekends, is a requirement of the position. Travel to the CLS may be required on occasion.

Requirements: Applicants should possess considerable experience in the application of x-ray spectroscopy to problems in surface science, materials, catalysis, chemistry, life sciences or environmental science. A good knowledge of general experimental practices currently employed at x-ray synchrotron radiation facilities is important. Skill in working with diverse research groups, potentially outside the position's primary field of expertise, to understand abstract concepts and aid in interpreting results within experimental and theoretical frameworks is an asset. The successful candidate has earned a Ph.D. degree in a relevant discipline and should have a strong research background with a continuing interest in personal research. This position requires an individual who is willing to relocate to Argonne, Illinois.

Remuneration: Compensation will be commensurate with qualifications and experience, with a salary range of \$56,000 to \$75,000 USD per annum. Benefits include supplemental health & dental, life insurance, and 4 weeks annual vacation as part of a competitive compensation package.

Interested individuals should submit a resume along with a list of three references, in confidence to jobs@lightsource.ca. Please quote **Job No. 911** in the subject line of the email. Applications will be considered as of **February 15, 2018** and will continue until the position is filled. While all applicants are thanked for their interest, only short-listed candidates will be contacted. Visit our website: www.lightsource.ca