

## Position in Nuclear Resonance Scattering at SPring-8

The Precision Spectroscopy Division of the Center for Synchrotron Radiation Research of SPring-8/JASRI is now recruiting a tenure-track scientist to work in the field of nuclear resonance scattering. The nuclear resonance program is one of the oldest at SPring-8 and it is now being renewed with a beamline upgrade where it will take advantage new instrumentation and a powerful, 5m, short period undulator. We are looking for a researcher who will help carry the NRS program into a new age, including through the future machine upgrade to SPring-8-II.

The researcher must be familiar with synchrotron radiation experiments, preferably with significant background in nuclear resonance techniques. Their required duties will include beamline and user support, as well as instrumentation and technique development. They can also pursue independent research through both in-house beamtime (approximately 20% of the user beamtime is reserved for in-house work) and via standard proposals. The experimental user program is very diverse, offering a variety of possible directions for collaboration. The applicant should have significant background in one or more of the following areas: x-ray optics, x-ray detectors, data analysis, controls software, as well background in a related area of science – condensed matter physics, chemistry, or possibly even biology.

The tenure-track program hires researchers initially on a temporary basis for up to 3 years. It is, in principle, aimed most directly at researchers just after completing post-doctoral work, but researchers either later or earlier in their careers may be considered. The position may become permanent after 2 or 3 years, subject to demonstrated performance and review. Japanese language proficiency is not required for application, but may be a consideration in granting tenure.

Application review will begin on 25 December 2020 with a desired start date of 1 April 2021. Additional details may be found at the web sites below. Inquiries about the nature of the position - responsibilities and opportunities - should be directed to Alfred Baron ([baron@spring8.or.jp](mailto:baron@spring8.or.jp)) and/or Yoshitaka Yoda ([yoda@spring8.or.jp](mailto:yoda@spring8.or.jp)).

<http://www.jasri.jp/en/human-resources/research-job/20T002.html>

(Job posting, including application details)

<http://www.jasri.jp/en/>

(JASRI Home Page)

<http://www.jasri.jp/en/organization/organization-research-section/precision.html>

(Precision Spectroscopy Division)