

## Present Status of University-owned Neutron Beam Instruments at JRR-3

Friday, 1 December 2017 13:40 (20 minutes)

ISSP owns 14 neutron-beam instruments in the Japan Research Reactor No. 3 (JRR-3), which has been built and owned by Japan Atomic Energy Agency (JAEA), and operates a general user-program for neutron scattering research for half a century. Unfortunately, the operation of JRR-3 has been suspended since the Great East-Japan Earthquake disaster on Mar. 11, 2011. To restore the JRR-3 operation, many tasks of safety management must be met the government regulation. We have been proceeding mainly two following tasks in a recent few years.

One is cleaning up and rearrangement of a radiation-controlled laboratory in JRR-3. Users-owned items were returned to the owners, and less-frequently-used accessories were moved to outside of the laboratory. All the items continuously-preserved in JRR-3 have been registered in a database with the owner, installation location, period and specific character are recorded.

The other is an organization of an inter-facility safety-and-health control team. In order to transfer information from the facility owner, JAEA, to the instrument staff members, we organized "University-owned instruments Safety-management Team (UST)" which is comprised of one professor and technical staff members. Under the leadership of JAEA, the UST have cooperatively proceeded comprehensive safety activities such as check of electric equipment and item management. For our instruments, commissioning has been carried out together with the responsible instrument staff members, toward the upcoming restoration of the reactor operation.

### Formal Invitation Letter Required

Yes

Primary author: Dr KAWANA, Daichi (Neutron Science Laboratory, Institute for Solid State Physics, the University of Tokyo)

Co-authors: Prof. YOSHIZAWA, Hideki (Neutron Science Laboratory, Institute for Solid State Physics, the University of Tokyo); Dr SUZUKI, Hiroshi (Materials Sciences Research Center, Japan Atomic Energy Agency); Mr HAYASHI, Kazuhiko (Department of Research Reactor and Tandem Accelerator, Japan Atomic Energy Agency); Ms SAKATA, Mami (Department of Research Reactor and Tandem Accelerator, Japan Atomic Energy Agency); Mr OHKAWARA, Manabu (Institute for Materials Research, Tohoku University); Prof. SHIBAYAMA, Mitsuhiro (Neutron Science Laboratory, Institute for Solid State Physics, the University of Tokyo); Prof. YAMAMURO, Osamu (Neutron Science Laboratory, Institute for Solid State Physics, the University of Tokyo); Mr SUGIURA, Ryosuke (Neutron Science Laboratory, Institute for Solid State Physics, the University of Tokyo); Prof. MASUDA, Takatsugu (Neutron Science Laboratory, Institute for Solid State Physics, the University of Tokyo); Ms SHINOZAKI, Tomoko (Neutron Science Laboratory, Institute for Solid State Physics, the University of Tokyo); Mr ASAMI, Toshio (Neutron Science Laboratory, Institute for Solid State Physics, the University of Tokyo); Mr SHIMOJO, Yutaka (Materials Sciences Research Center, Japan Atomic Energy Agency)

Presenter: Dr KAWANA, Daichi (Neutron Science Laboratory, Institute for Solid State Physics, the University of Tokyo)

Session Classification: Session G

Track Classification: Operations, User Support & Maintenance