

2010/1/22: Neutron Program Advisory Committee

2010/2/19: A separate hearing was held for the S04 proposal

Program ID: 2010S04

Title: Technical feasibility study of mini-focusing small-angle neutron scattering instrument

Principal Investigator: Michihiro Furusaka

Decision: continue

Beam allocation: $\beta = 0$ %

Approval and suggestion(s) to IMSS: budget and resources

The committee approves to continue the technical development for the MFSANS instruments for future installation at J-PARC/MLF. The proposed development plans for FY2010 as well as requested expenses are reasonable and should be funded by IMSS.

Comments:

Under this project, the mini-focusing SANS instrument is being developed by the principal investigator and his collaborators. The feasibility studies are successfully carried out at the Hokkaido university and the C1-3 beamport at the JRR-3 reactor guidehall. The technical developments for the proposed principle were carried out, and various components were developed. The project team now intends to extend their activity to demonstrate the feasibility of MFSANS at J-PARC/MLF and will carry out necessary developments required for the demonstration experiment with a pulse neutron source.

Considering the progress of their activity, we recommend to continue the project proposal as one of the S-type projects of the Neutron Science Laboratory of the Institute of Materials Structure Science.