

PREFACE

It is my great pleasure to send you this 29th issue of the “Activity Report on Neutron Scattering Research”. This Activity Report disseminates accomplishments obtained through the General-User Program (GUP) of Neutron Science Laboratory, Institute for Solid State Physics (ISSP), The University of Tokyo. Twelve university-owned instruments, installed at the research reactor JRR-3 of Japan Atomic Energy Agency (JAEA) in Tokai, are accessible under GUP, and are operated by ISSP together with Tohoku University and Kyoto University.

Japanese Fiscal Year (JFY) 2024 was another successful year with 7 operation cycles with total 139 days of beam time. Of the 140 approved proposals, 124 experiments (including 9 reserved ones) were performed, and 25 approved ones were not performed for various reasons. Healthy operation of our instruments is one of outstanding achievements of our user program; there were no major troubles in our instruments during the reactor operation period, and quite a few exciting experimental results were obtained, resulting in 41 papers published in world leading scientific journals in JFY2024.

Our user program has become widely acknowledged by the international community. For GUP in JFY2025, a total of 28 proposals were received from overseas. By country, 12 were from China, 10 from Taiwan, 2 from the U.S., 1 from Korea, 1 from Thailand, 1 from Canada, and 1 from Sweden. By instrument, multiple applications were received for HER/HODACA (10), GPTAS (6), SANS-U (4), FONDER (3), and iNSE (3).

The General-User Program is supported by Nuclear Professional School, The University of Tokyo which is a university representative to interface with JAEA. We thank both Nuclear Professional School and JAEA for their strong support. The present volume cannot be issued without the devoted contribution from users, contact persons and editors.



A handwritten signature in black ink, which appears to read '佐藤 卓' (Sato Taku).

Taku J Sato

Director,

Neutron Science Laboratory

Institute for Solid State Physics

The University of Tokyo