The small and wide angle neutron scattering instrument, TAIKAN, was installed on BL15 in the Materials and Life Science Experimental Facility (MLF) of J-PARC. TAIKAN is designed for efficient measurement in wide-q range of 0.005 ~ 20 [Å⁻¹]. The 1040 3He-PSD tubes with 8 mm in diameter and gas pressure of 6 atm are mounted on four detector banks of small-, middle-, high-, and backward-angle. Fig. 1 shows the photograph of small- and middle-angle detector bank from the front flange of TAIKAN’s vacuum chamber. The two detector banks in the chamber are surrounded by the B4C shielding boards, in order to avoid the crosstalk between facing detectors and reduce the background.

On-beam commissioning was started in January 2012, and user program has begun since March 2012. We will report on the results of some standard samples, the instrument performance, and the current status of TAIKAN.

Fig.1: Photograph of detector banks (small- and middle-angle) in TAIKAN’s vacuum chamber.