

Experiments in J-PARC 2nd

Our group performed the neutron scattering measurement under long-pulsed magnetic fields at the J-PARC. This is a first trial all over the world.

We succeeded in detecting the change of the diffraction peaks indicating a field-induced phase transition!

The details are coming soon.

✂ See also our Lab-blog!
(<https://note.com/ykohamalab/>)

(by T. Nomoto)



Upper: Inside of the J-PARC. Only the sounds of refrigeration and magnetic field generation echoed in the empty space.

Left: A hanged capacitor bank. Such large equipment was brought in using a huge crane.