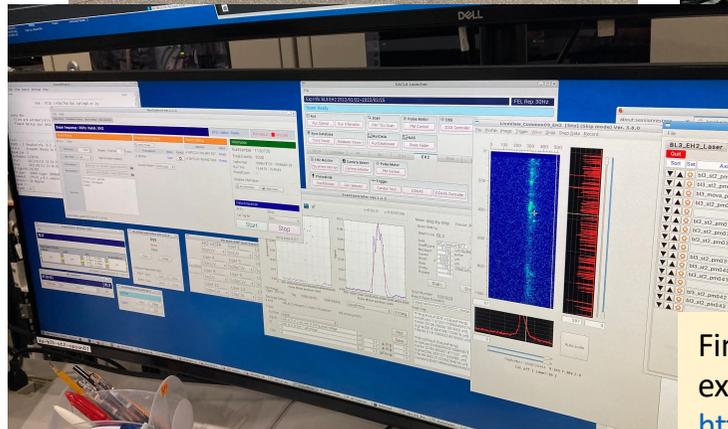


Joined the X-ray free-electron laser experiment

We joined the X-ray free-electron laser experiment from March 21 to 25, 2022 at the free-electron laser facility SACLA in Hyogo prefecture. It is the destructive high magnetic field experiment using the PINK01 (a portable single-turn coil). The PI of this project is Dr. Akihiko Ikeda from The University of Electro-Communications. The experiment was successful! We observed the X-ray diffraction of Co-based compounds in about 65 T at a low temperature.



Find the achievements of the first SACLA experiment in the report below.
<https://arxiv.org/pdf/2202.05406.pdf>