

Seminar on XRD in English

Introduction to X-ray Powder Diffraction

For More Information

https://www.rigaku.co.jp/sangaku/seminar/register_en.html



July. 10, 2018

**Information Technology Center, Asano Campus
University of Tokyo**

This seminar is intended for international researchers and students who wish to acquire an understanding of crystallography, principles of X-ray diffraction, and experimental techniques on powder diffraction.

Lecture:

Property of material is strongly related to its crystal structure. X-ray diffraction is one of powerful methods to determine the crystal structure. In the course, fundamental of powder X-ray diffraction will be introduced in relation to crystal structure.

In addition, an overview of experimental techniques for measuring X-ray diffraction patterns, a method of X-ray diffraction to obtain accurate and reproducible structural parameters, a method of phase identification from powder X-ray diffraction data will be demonstrated.

Enrollment limit: The lecture will be limited to 50 participants.

Lab Courses:

X-ray powder diffraction

Enrollment limit: The lab courses will be limited to 12 participants.

※Invitation period: May. 17 - July. 3

※Invitation will be closed when it reach the participants limit.

Organized by The University of Tokyo – Rigaku Collaborative Research Center
Advanced Characterization Nanotechnology Platform

✉ seminar-info@soyak.t.u-tokyo.ac.jp

