

Seminar on XRD in English

Introduction to X-ray Powder Diffraction

For More Information

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



November. 21, 2017

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: October. 6 - November. 14

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

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

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