„Diffraction Methods in Materials Science“

The lectures will begin on Thursday, 20 April 2023.

Lectures: Thursday, from 9:00 – 10:30 a.m. in 2R4

Exercises: Wednesday, from 15:15 – 16:45 p.m. in 2P4

Lecturer: PD Dr. Nikolay Zotov

Short Outline of the course

Classification of Materials

Defects in Solids

Basics of X-ray and neutron scattering

Diffraction studies of Polycrystalline Materials

Microstructural Analysis by Diffraction

Diffraction studies of Thin Films

Diffraction studies of Nanomaterials

Diffraction studies of Amorphous and Composite Material

Please, contact Dr. N. Zotov in advance per Email for additional details.

Regards,

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