

Table of Review Filed (updated on 2022.5.9)

Group (Review Field)	Subgroup 1	Subgroup 2
Diffraction_SAXS/WAXS	Small Angle X-ray Scattering Wide Angle X-ray Scattering	Materials Science Biological Science Others
Diffraction_Single Crystal	Crystal Structure Analysis Quantum Crystallography Operand/In-situ Single Crystal Diffraction Lattice Distortion Measurement	Organic Compounds Metal Coordination Compounds Inorganic Compounds MOF Others
Diffraction_Powder	Qualitative Analysis Quantitative Analysis Rietveld Analysis Quantum Crystallography Operand/In-situ Powder Diffraction Lattice Distortion Crystallite Size Crystal Angle Analysis Orientation Analysis	Organic Compounds Metal Coordination Compounds Inorganic Compounds MOF Others
Diffraction_General	PDF Analysis Reciprocal Space Mapping (RSM) X-ray Reflectivity Measurement X-ray Crystal Truncation Rod Scattering (CTR) Nano-diffraction Diffraction Topography Residual Stress Measurement Structural Analysis of Thin Film Operand/In-situ X-ray Diffraction	Amorphous Materials Surface and Interface Thin Films Nanostructure Others
Diffraction_High Pressure	Crystal Structure Determination under High-pressure High-pressure X-ray Radiography	Properties under High-pressure Material Synthesizing Earth and Planetary Science Ultra-high Pressure Generation Technology Others
Spectroscopy_XAFS	General Purpose XAFS (including HX and SX) XMCD (including HX and SX) Combined XAFS (including HX and SX) In-situ XAFS (including HX and SX) Time Resolved XAFS	Battery and Catalyst Materials Magnetic Materials Structural Materials Geography/Environmental Materials Others
Spectroscopy_Advanced	Spectroscopy Imaging Magnetic Imaging X-ray Emission Spectroscopy X-ray Raman Scattering X-ray Fluorescence Spectroscopy Trace-element Analysis	Battery and Catalyst Materials Electrical, optical, Magnetic Materials, and Devices Materials Science Bio/Medical Materials Geography/Environmental Materials Others
Spectroscopy_PES	HAXPES PES (SX) PEEM	Materials Science Magnetic Materials Surface and Interface Battery and Catalyst Materials Others
Spectroscopy_IR	IR Spectroscopy IR Imaging	Chemical Materials Infrared Properties Others
Imaging	Micro/Nano CT High Speed Photographing Topography Optical Device Evaluation	Materials Science Medical-Biology Earth and Planetary Sciences X-ray Optics Others

Group (Review Field)	Subgroup 1	Subgroup 2
Inelastic Scattering	Nuclear Resonant Scattering High Resolution Inelastic X-Ray Scattering Compton Scattering	Nuclear Resonant Scattering (Including Elastic Scattering) High Resolution Inelastic X-Ray Scattering Compton Scattering Others
Structural Biology	Macromolecular Crystallography BioSAXS CryoTEM	Macromolecular Crystallography BioSAXS Macromolecular Crystallography & CryoTEM Macromolecular Crystallography & BioSAXS BioSAXS & CryoTEM Macromolecular Crystallography & BioSAXS & CryoTEM
Industrial Application	Diffraction and Scattering Spectroscopy and Spectro-microscopy Imaging Inelastic Scattering Others	Diffraction_SAXS/WAXS Diffraction_Single Crystal Diffraction_Powder Diffraction_General Diffraction_High Pressure Spectroscopy_XAFS Spectroscopy_Advanced Spectroscopy_PES Spectroscopy_IR Imaging Inelastic Scattering Others
Humanities and Social Sciences	Diffraction and Scattering Spectroscopy and Spectro-microscopy Imaging Inelastic Scattering Others	Diffraction_SAXS/WAXS Diffraction_Single Crystal Diffraction_Powder Diffraction_General Diffraction_High Pressure Spectroscopy_XAFS Spectroscopy_Advanced Spectroscopy_PES Spectroscopy_IR Imaging Inelastic Scattering Others
Others	Carry-in Equipment	X-ray Fluorescence Holography Others (Carry-in Equipment)