Keywords

- Mineral
- crystal structure
- chemical and physical properties
- Single crystals
- Polycristalline materials
- Thin films
- Crystallization techniques and processes
- Crystal growth & epitaxy process design & scale up
- Coordination polymers
- framework materials
- structure-property relationships
- SPA Cryo-EM
- Cryo-ET
- Mass Spectrometry
- NMR
- SAXS
- Machine Learning
- AlphaFold
- Structure determination
- Computational modelling
- Automation
- In silico Structural Biology
- industrial minerals
- synthetic compounds
- functional materials
- structural properties
- applied crystallography
- Non-covalent interactions
- polymorphism
- salts
- cocrystals
- In situ and in operando
- Large scale facilities
- Nano-focus
- Simultaneous multi-technical approach
- Science Outreach
- Science and Society
- Crystallography Communication
- Public Engagement
- Social Media
- Multi-Omics Integration
- Structure-Based Drug Design
- Molecular Dynamics Simulation
- Binding Site Prediction
- Machine Learning in Drug Discovery