

## Inelastic X-ray Scattering

collaboration between INFN-Univ. Roma La Sapienza and ESRF ID16 team for development of instrumentation devoted to inelastic scattering of X-ray to study excitations in disordered systems.

**Research examples:** IXS measurements of dynamical structural factor of liquid metals, study of relaxation phenomena in H-bonded liquids, undercooled glass-formers liquids relaxation, IXS study of vibrational modes in glasses.

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