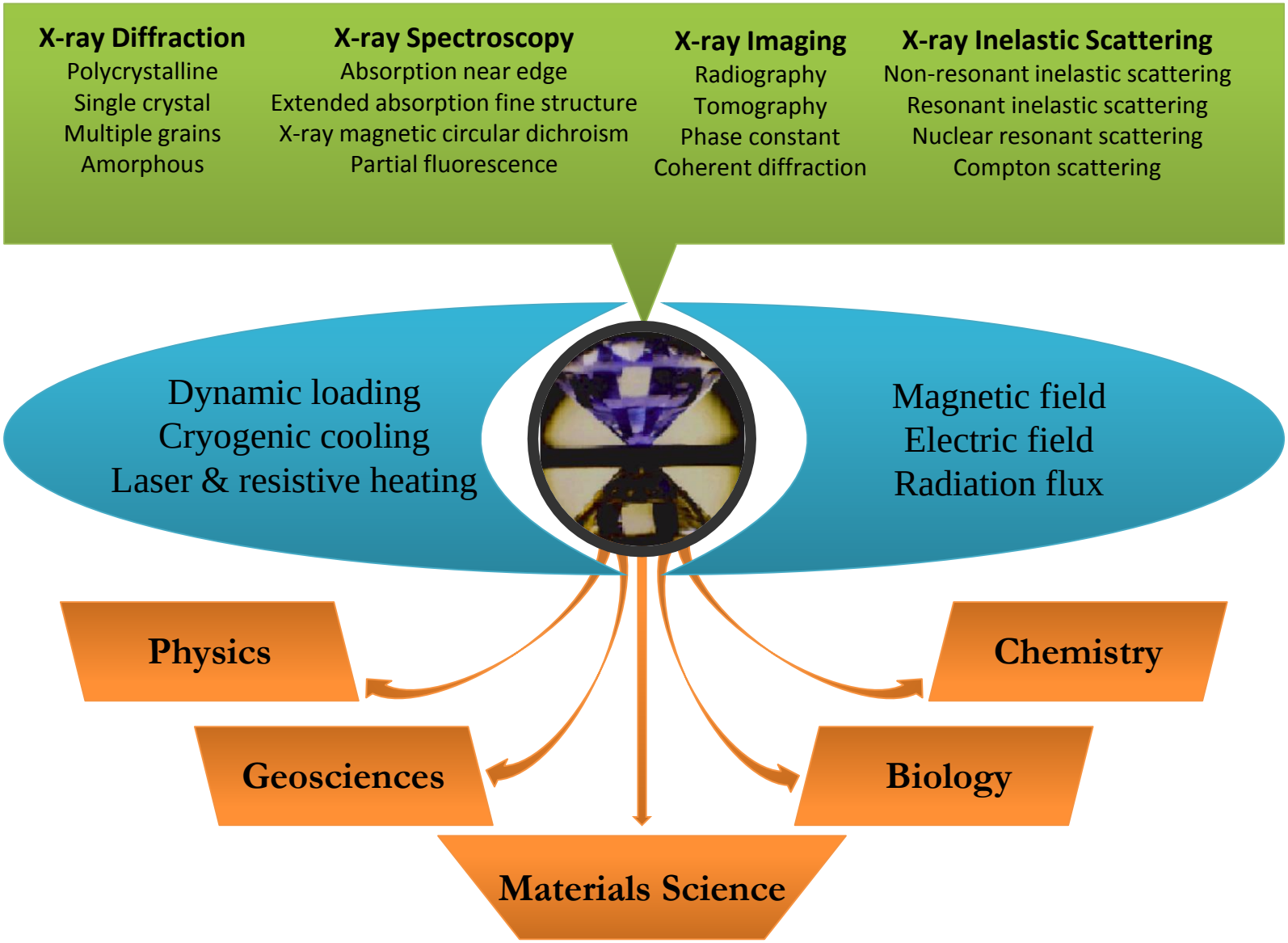
Figure 1


X-ray Diffraction
Polycrystalline
Single crystal
Multiple grains
Amorphous
X-ray Spectroscopy
Absorption near edge
Extended absorption fine structure
X-ray magnetic circular dichroism
Partial fluorescence
X-ray Imaging
Radiography
Tomography
Phase constant
Coherent diffraction
X-ray Inelastic Scattering
Non-resonant inelastic scattering
Resonant inelastic scattering
Nuclear resonant scattering
Compton scattering
Dynamic loading
Cryogenic cooling
Laser & resistive heating
Magnetic field
Electric field
Radiation flux
Physics
Chemistry
Geosciences
Biology
Materials Science