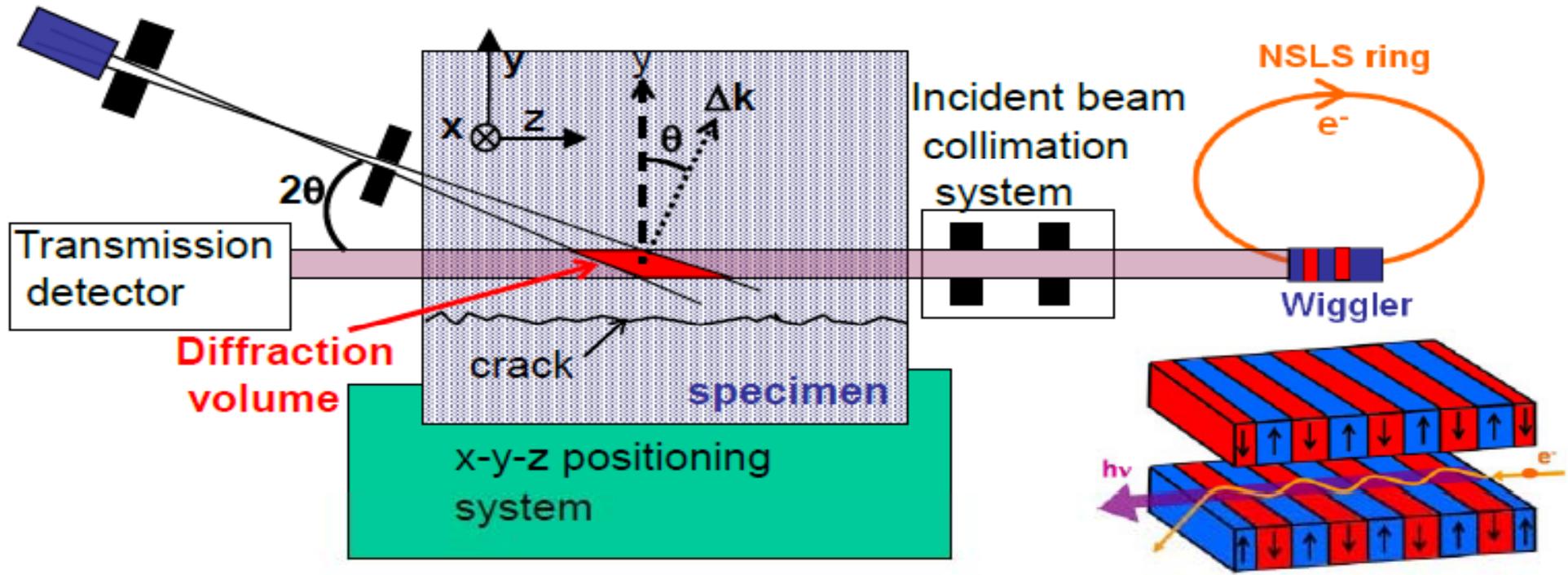


High-Energy X-Ray Diffraction: X17B1



Energy Dispersive X-Ray Diffraction Capabilities

- High resolution (10 μm to 100 μm)
- High energy (penetration depth 2 in of steel, 2 ft of Al)

Two Data Collection Methods

- Strain mapping (internal/residual stress spatial distributions)
- Phase mapping (spatial distributions of phases, stresses in each phase)

Sample scan range:
0-100 mm