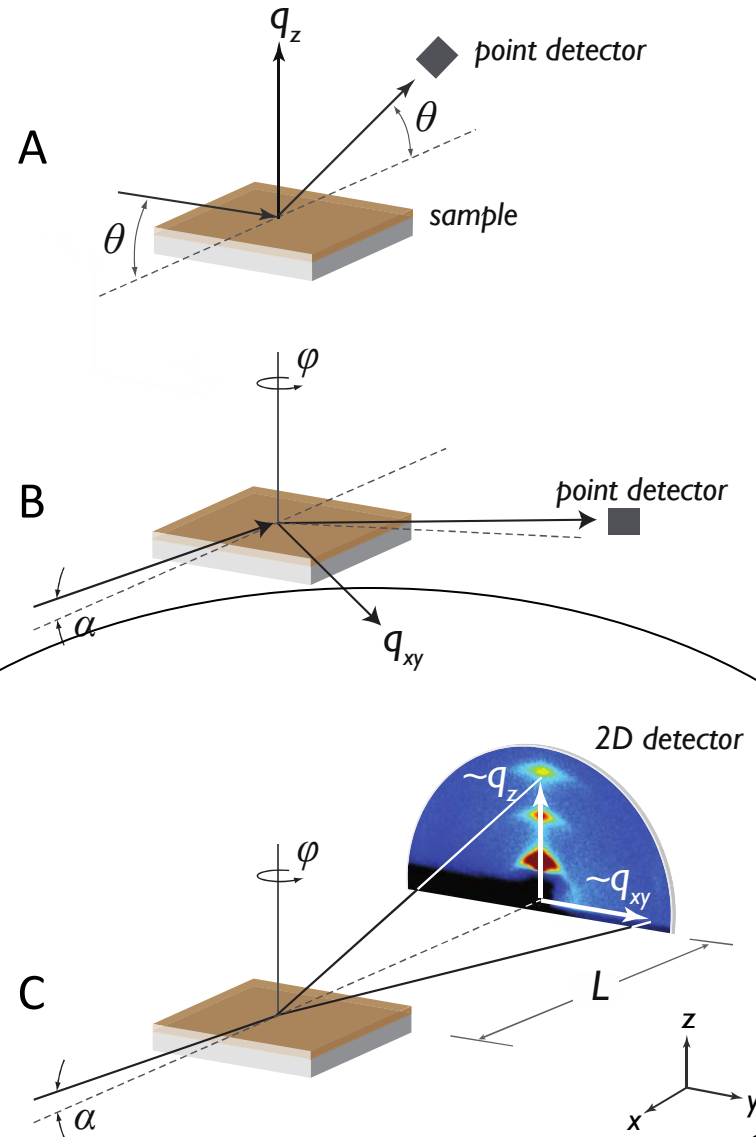


Introduction to SSRL diffractometers and scattering geometries

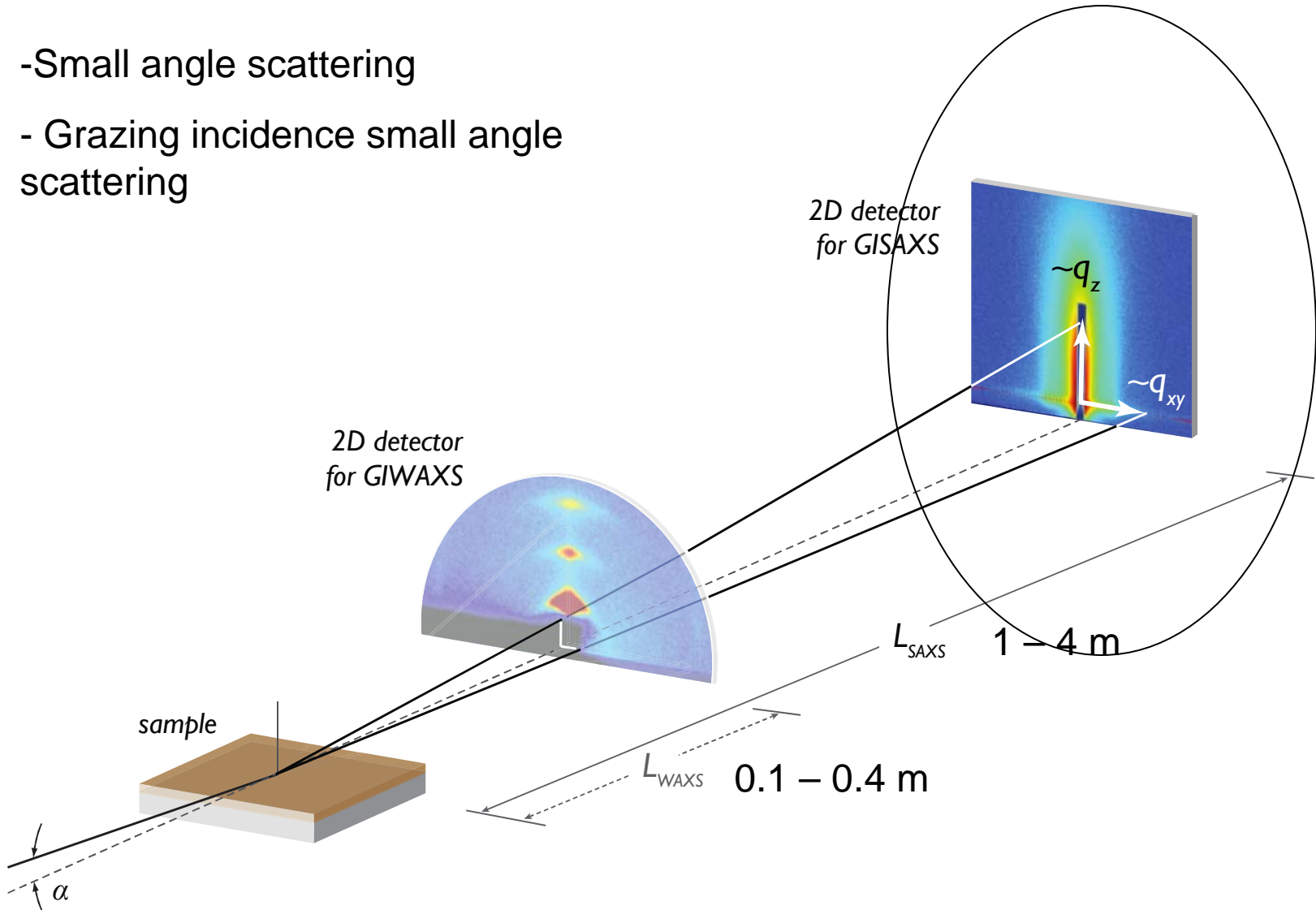
Chad Miller SRXAS 2012

BL11-3 and BL1-5



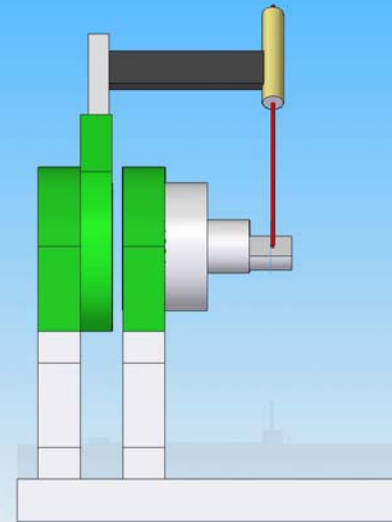
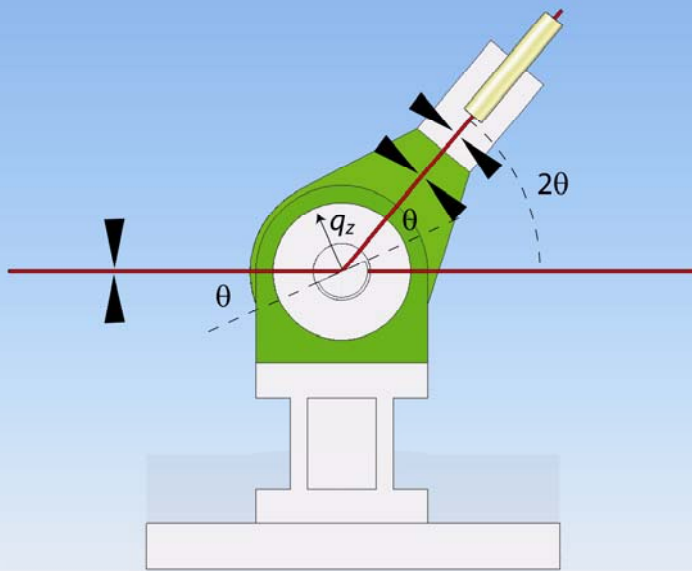
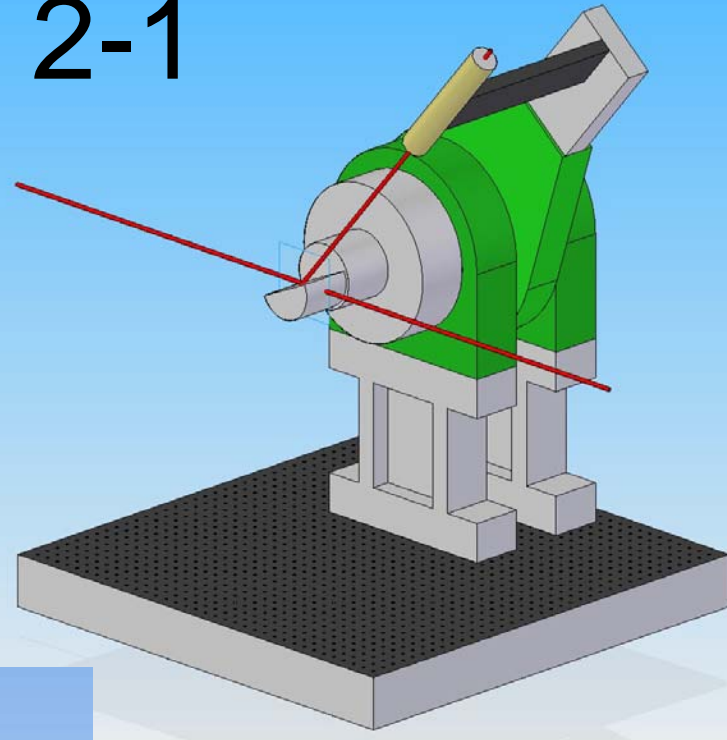
BL1-4

- Small angle scattering
- Grazing incidence small angle scattering

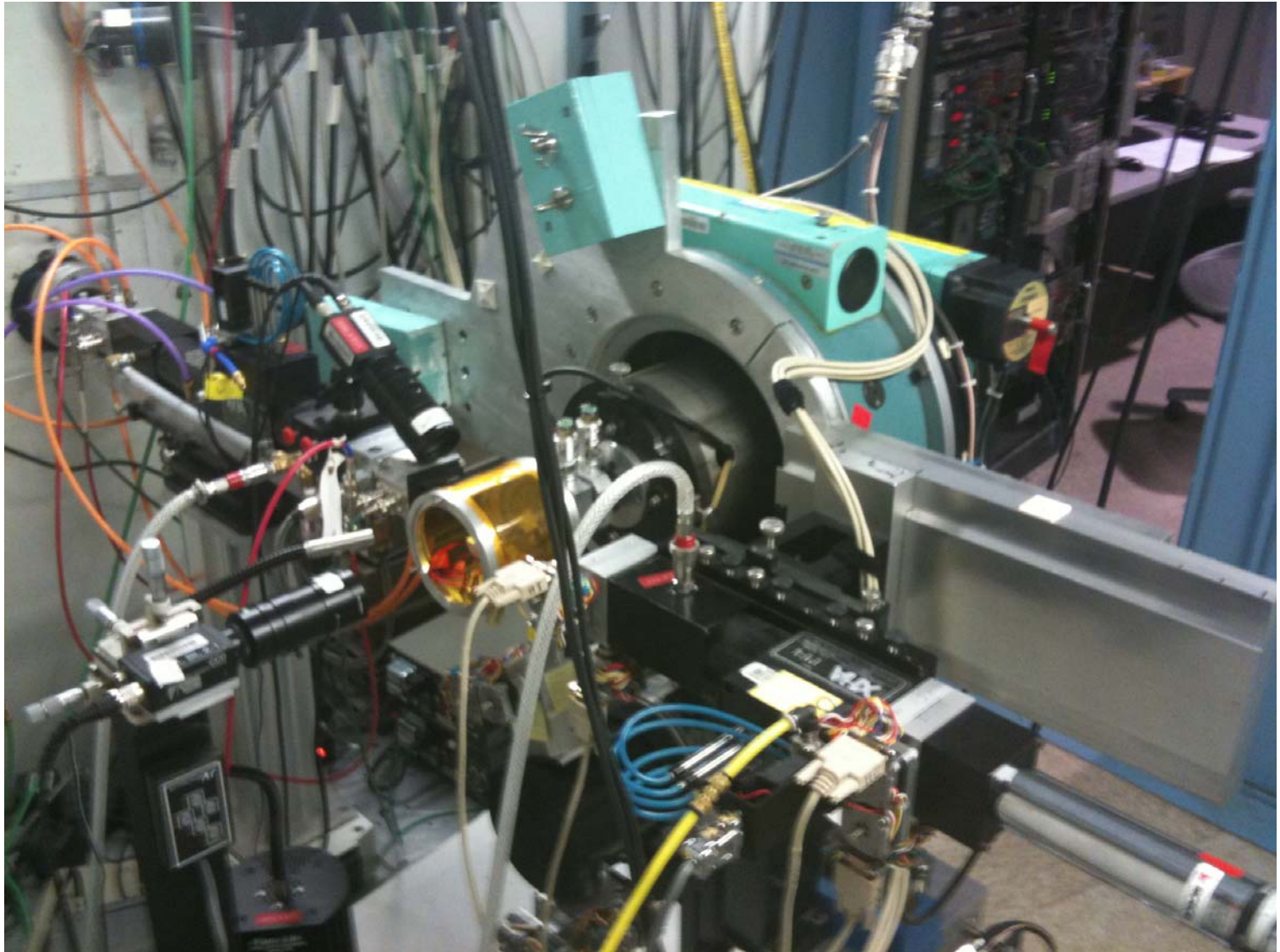


BL 2-1

- Two Circle (1 sample + 1 detector)
- techniques:
 - Reflectivity
 - Specular Diffraction
 - Powder Diffraction

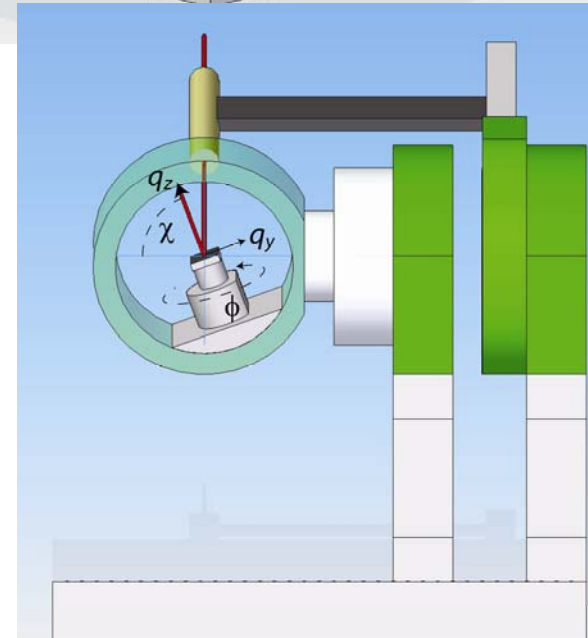
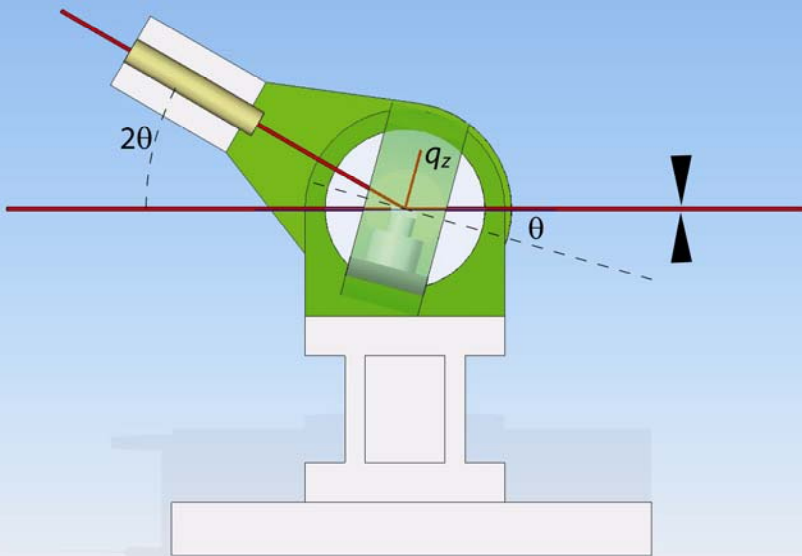
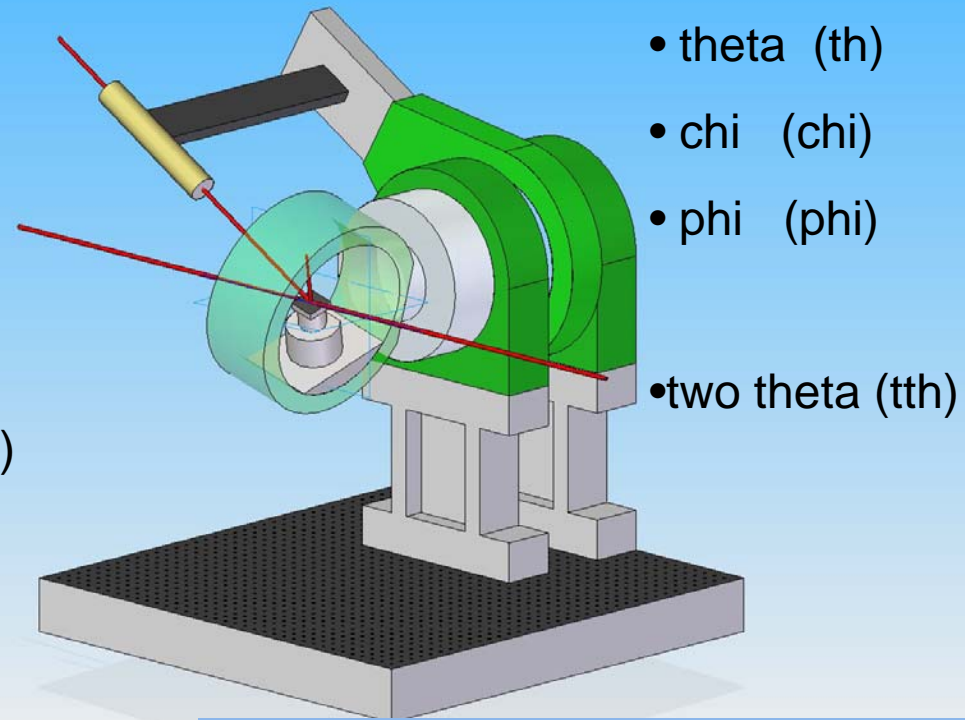


BL 2-1

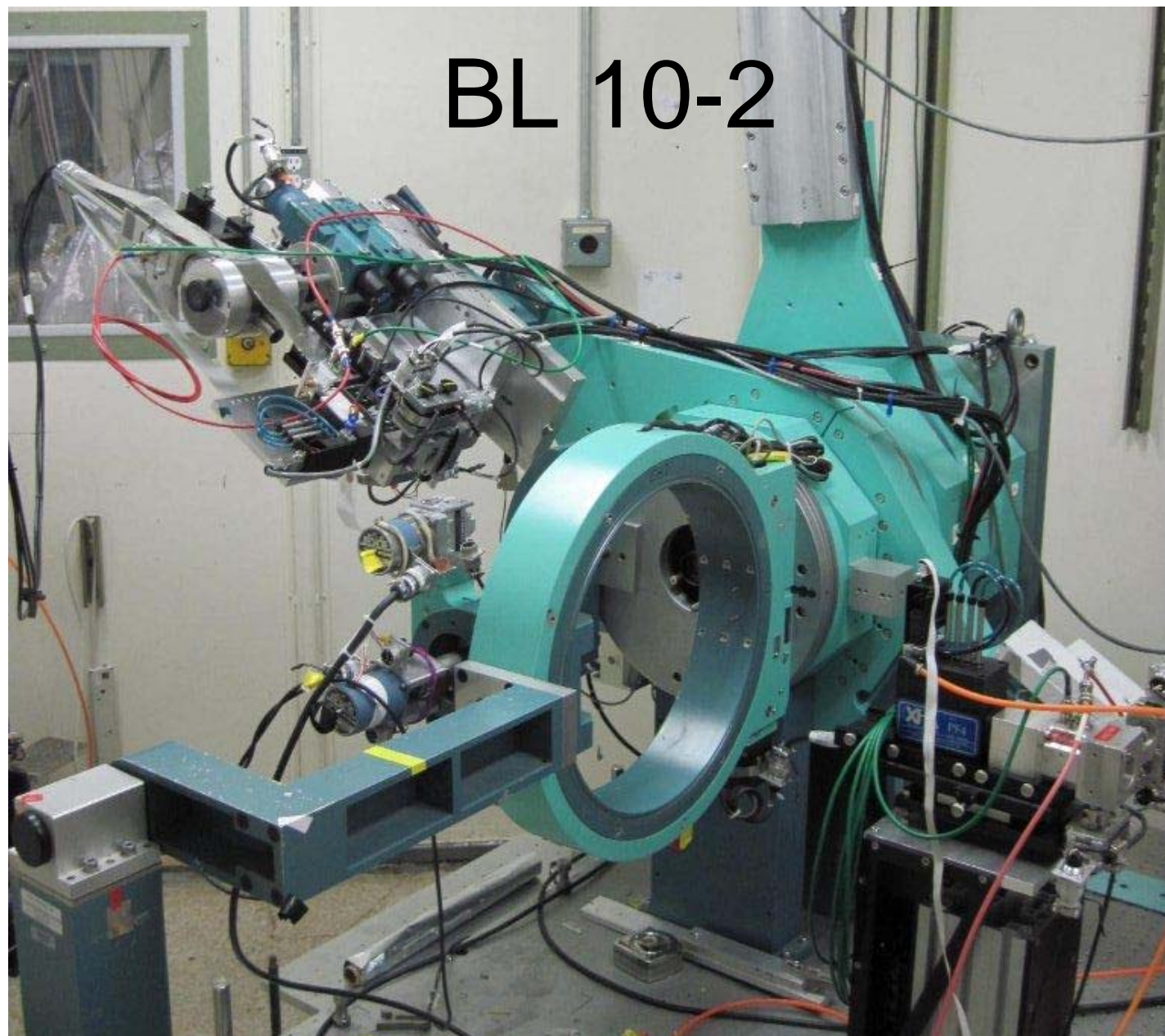


BL 10-2

- Four Circle (3 sample + 1 detector)
- techniques:
 - same as 2 circle
 - grazing incidence diffraction (in plane)
 - single crystal diffraction

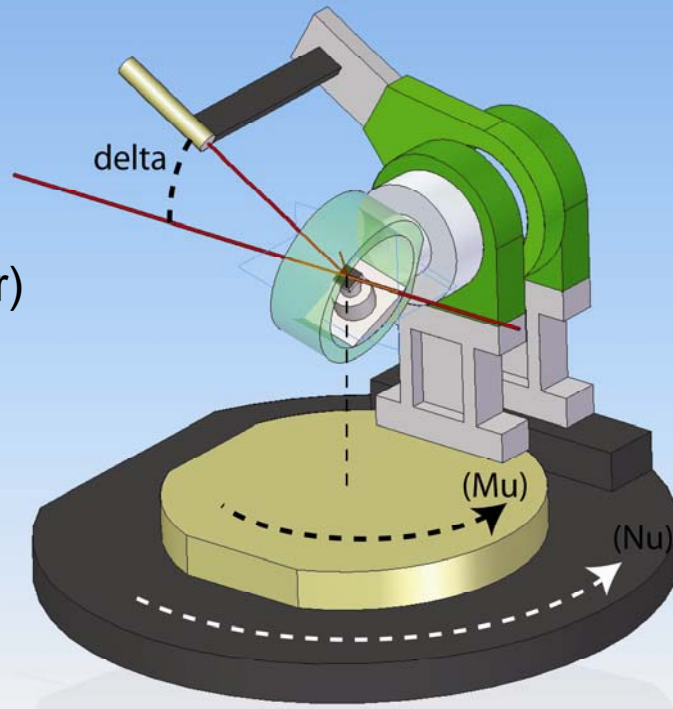


BL 10-2

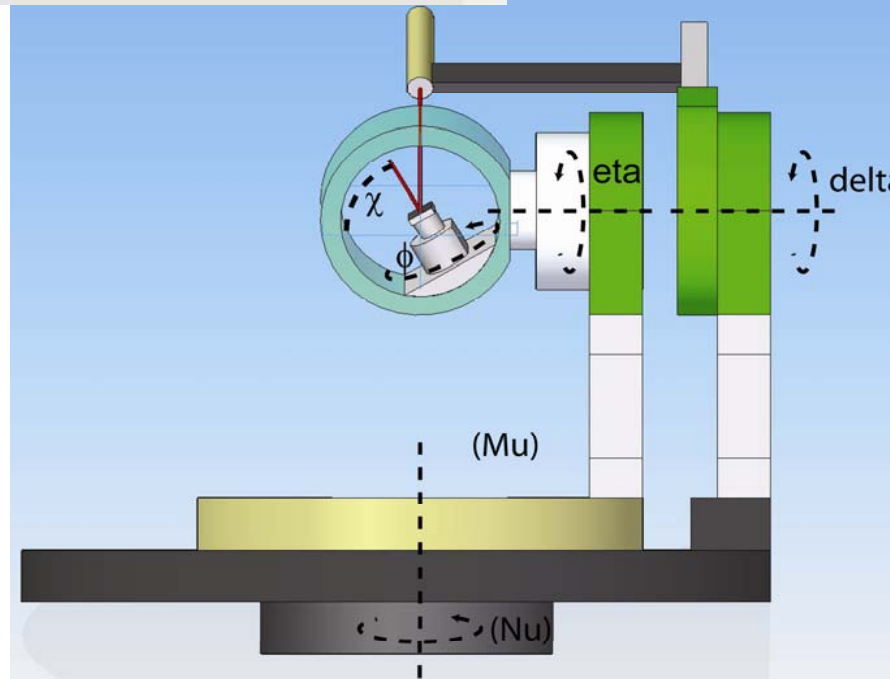
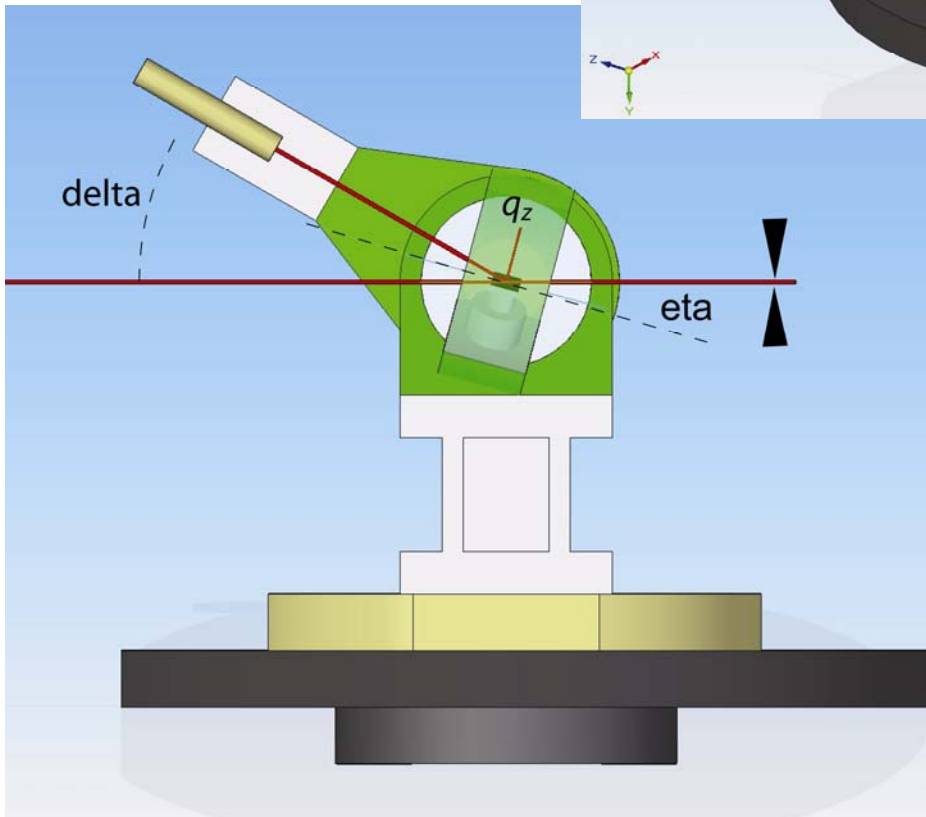


BL 7-2

- Six Circle (4 sample + 2 detector)
- techniques:
 - same as 4 circle
 - PSI geometry



- eta
- chi (χ)
- phi (ϕ)
- mu
- delta
- nu



BL 7-2

