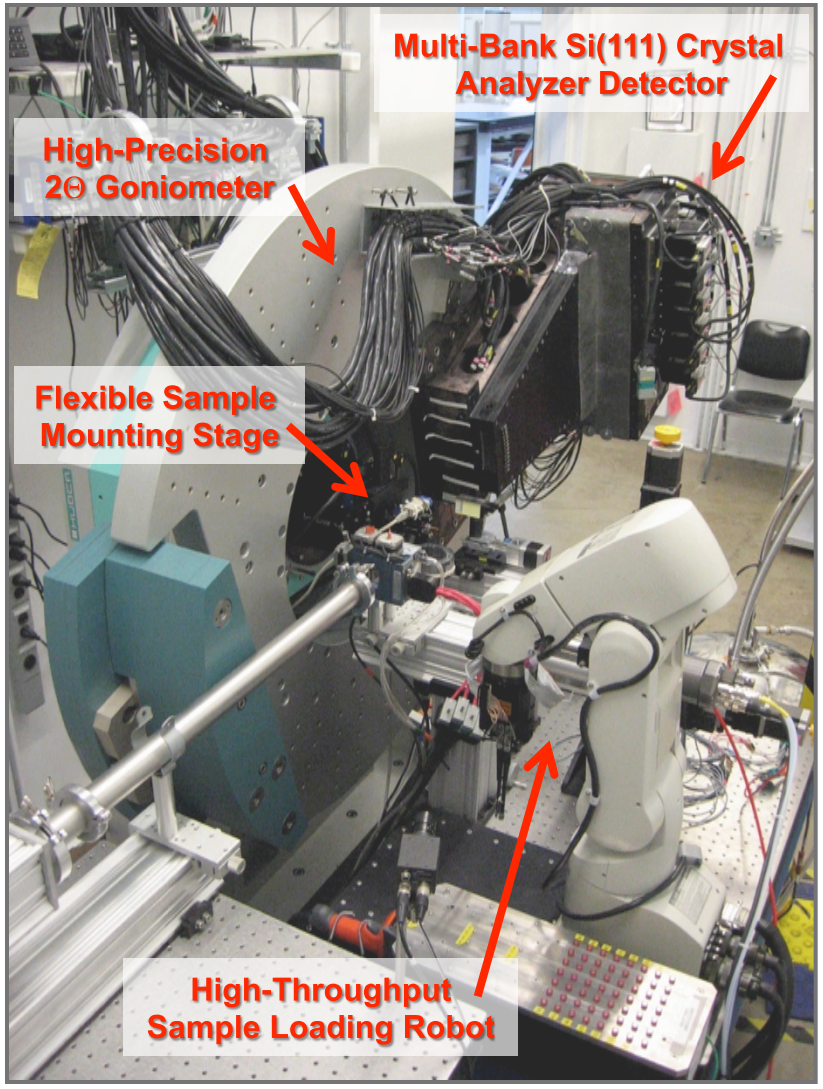
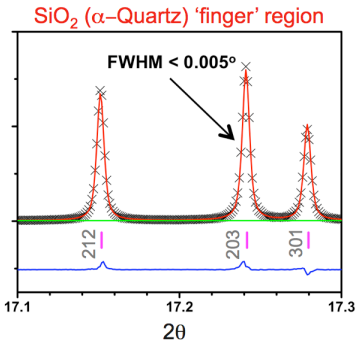
High-Resolution Powder XRD at 11-BM



World Class Synchrotron Powder Diffraction at the Advanced Photon Source



Exceptional Resolution & Count Sensitivity

$\Delta d/d, \Delta Q/Q \approx 2\times10^{-4}$

count statistics ≈ 10^5

- Highest Resolution pXRD in Americas
- Variable Energy, 10 - 35 keV (1.0 - 0.35 Å)
- Suite of Sample Environments
  - Temperature, Pressure, In-Situ Cells
- Rapid Access Mail-In Program
  - On-Site User Experiments also Supported

contact: Matthew Suchomel, Brian Toby

webpage: http://11bm.xor.aps.anl.gov