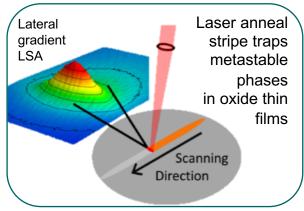


A. B. Connolly, D. Sutherland, M. Amsler, K. Gann, M.-C. Chiang, V. Gupta, S. Ament, D. Guevarra, J. Gregoire, C. Gomes, R. B. van Dover, M. O. Thompson

Anneal

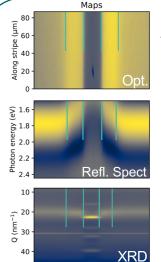




In-lab: Collect optical microscope image and

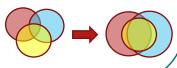
reflectance spectra across stripe
CHESS: Collect spatially resolved μ-WAXS across stripe

Collect



Identify conditions of transitions and compare effectiveness of techniques

Result:
Conditions for materials
transitions seen via XRD
also identified via optical
techniques





-200

Across stripe (µm)

Prior knowledge of material transition conditions for beamtime!