

PAUL SCHERRER INSTITUT

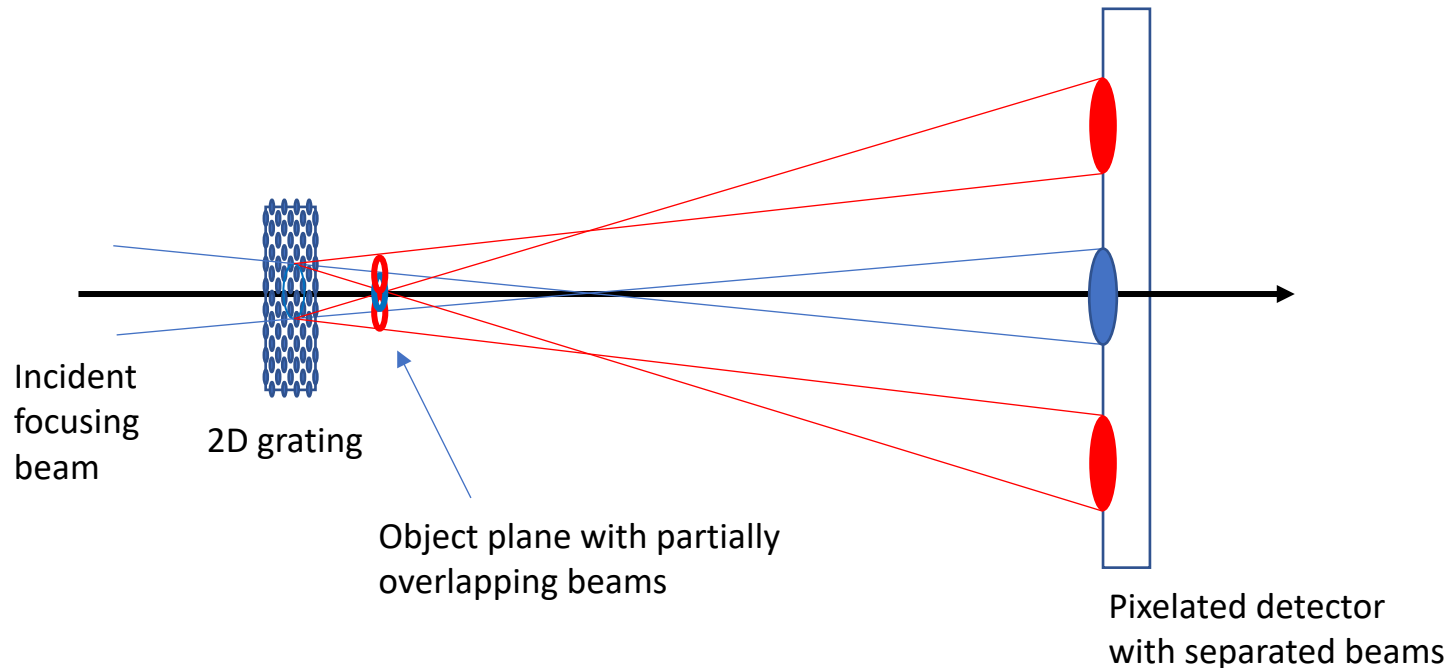


M. Guizar Sicaïros :: PSD

Single-shot ultrafast ptychography

First Virtual Workshop on PORTHOS Science Case – September 11th, 2020

Single-shot ultrafast ptychography



Robust single-shot images with nanometric resolution

Quantitative contrast

Development tailored to application, possible with different energies, polarization, etc

Dual- or multiple pulse to image dynamics (magnetization, domain switching)

Single-shot beam and wavefront characterization at the plane of the sample