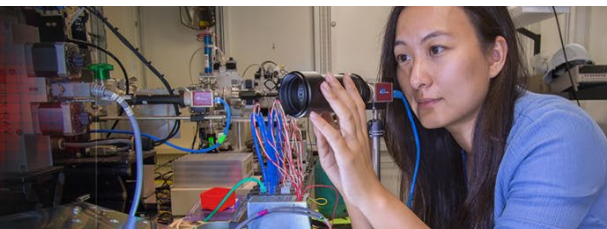


2022 Workshop on

## Experimental Environments for Coherent Diffractive Imaging (CDI)

This workshop will be held virtually.  
April 18–20, 2022



### Agenda

#### Monday, April 18

1000	Welcome	Garth Williams
1010	In-situ/Operando Bragg Coherent Diffraction Imaging: Toward More Realistic Conditions	Wonsuk Cha
1050	Future CDI Beamline at NSLS-II	Yuan Gao
1120	In situ/operando imaging of catalytic nanoparticles	Marie-Ingrid Richard
1200	Discussion / Lunch	
1300	Focused Ion-beam methods of Sample Preparation for BCDI	Ian Robinson
1330	Coherent Diffractive Imaging applied to the field of electrocatalysis	Pablo Fernandez
1400	Bragg Coherent Diffractive Imaging with Diamond Anvil Cell	Xiaoqing Huang
1430	Discussion / Break / Group Photo	
1500	Interdigitated Electrode Array for BCDI of Nanoparticles under Field	Ana Suzana
1530	Discussion	

#### Tuesday, April 19

1000	TBD	Hyunjung Kim
1030	A Nanopipette Electrochemical Cell combined with X-ray Bragg Coherent Diffractive Imaging to study Platinum Catalysts	Dina Sheyfer
1100	A cryogenic environment for coherent scattering at the Cateretê beamline at SIRIUS	Carla Polo
1130	Discussion	
1200	Working Lunch	
1300	TBD	Andrej Singer
1330	The investigation of layered Li transition metal oxide materials with in-situ Coherent X-ray Diffraction	Luxi Li
1400	Coherence in Soft X-ray Regime: Sample Environment Challenges and Lessons Learned	Claudio Mazzoli
1430	Discussion/ Break	
1500	Posters (Two – 5-minute presentations, then split into breakout rooms)	
1530	Discussion	

*Wednesday, April 20*

1000	Nano-scale Imaging of Crystal Defects and their Evolution	Felix Hofmann
1030	Grain Mapping Techniques and Sample Environments for Studying Polycrystalline Mechanics and Processing	Ashley Bucsek
1130	In-situ Synthesis Environments for Coherent Scattering X-ray Scattering Studies	Matt Highland
1130	Discussion	
1200	Working Lunch	
1300	Wrap-up	
1330	Open Discussion	