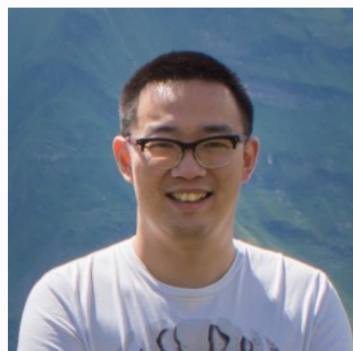
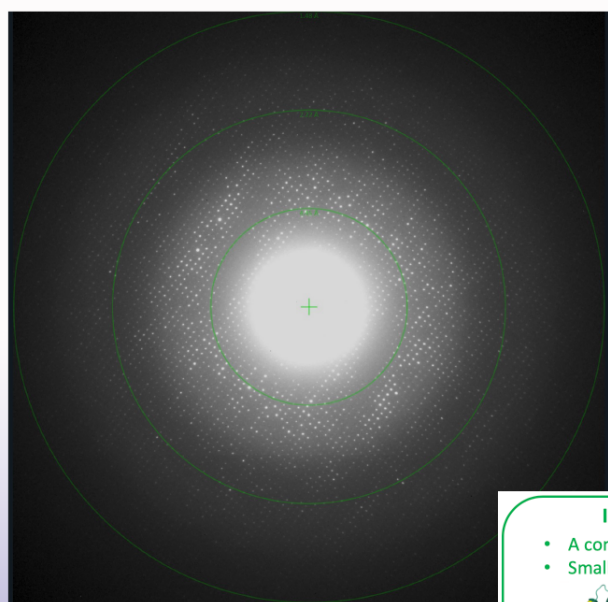
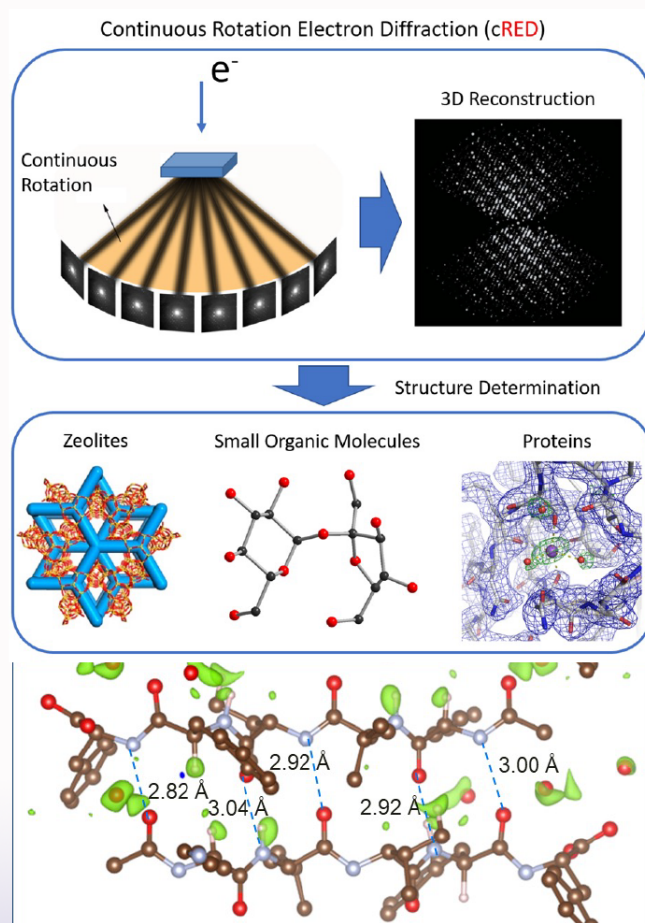


# Frontiers in Microscopy & Microanalysis

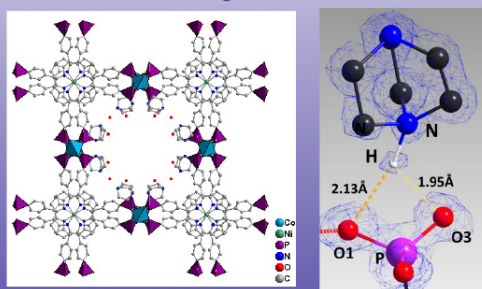
## 3D-ED/Micro-ED for Crystal Structure Determination from Materials, Small Molecules to Proteins



Dr. Hongyi Xu; SCMB & Stockholm University



A MOF structure – organic solvent and H atoms



Wang et al. Chem. Eur 2019

**Interesting Novel Structures**

- A complimentary method
- Small protein (< 50 kDa)

Clabbers et al. Nat. Commun. 2021

**Refinement of Charge State**

- Electrostatic potential map

**High Throughput Ligand Screening**

European Commission | Nan ED

**Room Temperature Measurements**

DTU | Prof. Kristian Mølhave's group | INSIGHT CHIPS

UQ St. Lucia; AIBN Bldg. 75 Level 1 Seminar Room  
 Click here to join the meeting  
 on Monday 13<sup>th</sup> February 2023; 12:00-13:00 (AEST)