Elettra 2.0: New Structural Biology Opportunities

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Infrastructure requirements for running high-throughput crystallographic fragment screening

Monday, July 3, 2023 11:30 AM (30 minutes)

i04-1 at Diamond Light Source is a fixed wavelength, high throughput beamline, dedicated to running unattended data collection queues. We utilise the beamtime to run XChem fragment screening experiments for both industry and academic users, allowing us on average to collect 2000 samples per week. In addition to what we require from the beamline, this talk will focus on the infrastructure requirements to support high-throughput fragment screening, covering laboratory requirements, computing, staff and logistics.

Presenter: POWELL, Ailsa (Diamond Light Source)

Session Classification: Session 1 Macromolecular Crystallography Chair: Michele Cianci (Università Politecnica delle Marche)