

Beamline Technologies and Data Collection Techniques Supporting Low Resolution  
Crystallography Experiments

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Existing and planned features of the NECAT beamlines that facilitate low resolution diffraction studies of weakly diffracting, multi-component crystals will be presented, including low occlusion beam stops, beam focusing methods and flight paths to minimize air scattering and absorption. Vector scanned data collection techniques, which can significantly moderate radiation damage in fragile multi-subunit complexes will also be discussed.