

Microcrystallography at ChemMatCARS at the Advanced Photon Source

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ChemMatCARS at the Advanced Photon Source (APS) is a high-brilliance synchrotron X-ray based national user facility dedicated to providing experimental infrastructure and support resources to the chemical and materials science community. At the APS, undulator source brilliance is nearly 3 to 4 times that produced by second-generation sources. The superior source brilliance of this third generation synchrotron enables a broader range of micro-crystalline specimens to be investigated. Microcrystallography is now commonly conducted on specimens as small as 1 μ in its smallest dimension. ChemMatCARS is also a participating partner in the SCrAPS (Service Crystallography at APS) program which allows remote access to our microcrystallography facility. In an effort to provide outreach to the general community potential users are encouraged to submit rapid-access proposals to the General User Program at APS. Please view our web page at <http://www.cars.uchicago.edu/chemmat/chemhome.html>.

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