Visualization of 3D Diffraction: MAX3D Update

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MAX3D is a program for the visualization of 3D diffraction data. This includes everything seen by the area detector – not just harvested Bragg spots. The input may be transmission data from a single crystal, reflection data from a textured solid, or diffraction from a thin nanoparticle film on a substrate. Tools have been developed for probing, imaging and exporting selected areas of reciprocal space in terms of 2Theta or HKL. It helps you understand your sample, recognize diffuse scattering and troubleshoot difficult problems. It is a powerful tool for generating teaching materials from real samples. MAX3D is available at no charge for Academic researchers.