New Features and Software for PDF4+

Electron Diffraction and WebPDF4+

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ICDD has added new features for our Electron Diffraction simulation and developed mobile software to help customers identify materials. The Simulated Electron Diffraction Spot Pattern utility has been improved with approximate intensities and the ability to limit the displayed D spacings. The new simulation will reveal more information of the two dimensional distribution of reciprocal lattice points. These new features make the simulated electron spot patterns more useful by accurately display the geometry of a diffraction experiment.

In addition, ICDD offers a new service—a web-based Powder Diffraction File. This product is designed for Internet access and includes the modern data mining features and materials analysis capabilities of the PDF-4+ product. A dongle will provide each user time limited access to an ICDD warehoused database. By using a dongle, the user is not restricted to a single computer. Also, third-party software developers will be able to utilize this new portability by securely accessing the ICDD PDF4+ database remotely.