

SUCCESS

is being excellent at what you do

Join ICDD at our free PDF-4 Users' Meeting
before the 66th Annual Denver X-ray Conference!

● Users' Meeting

Sunday, 30 July 2017

Denver X-ray Conference 2017 • Big Sky, Montana

10:00 am–4:00 pm

Cheyenne Room

Register by 21 July 2017

Participants are encouraged to bring their laptops to this workshop. ICDD will install a trial version of the PDF-4+ to facilitate a hands-on workshop.

● Getting Started Tutorial

This tutorial will discuss and demonstrate the basic functions of PDF-4 data mining, thus enabling the user to distill the huge number of entries in PDF-4 to a manageable selected subset.

- Selecting search criteria for >72 unique Search Fields
- Viewing/analyzing search results
- Using History to optimize your searches
- Using digital patterns for data simulations and analysis

● Advanced Features Tutorial

This tutorial focuses on the power of PDF-4 data mining and Sleve+ for phase identification, simulation of X-ray, neutron, and electron diffraction patterns, and retrieval/use of PDF-4 database information for advanced analyses.

- Performing neutron and electron diffraction simulated profiles, electron backscatter patterns (EBSD), selected area electron diffraction patterns (SAED), and ring patterns
- Advanced data mining — tools to extract the data you need
- Using Sleve+ — choosing the appropriate search criteria and strategies for identification and problem analysis
- Interfaces — Using PDF-4 information as input for advanced analyses (whole-pattern fitting, structure analysis, molecular visualization)
- Similarity indexes — their use and value
- How to choose entries with atomic coordinates for Rietveld Refinement

Learn how to get the most from your PDF-4 database from the database experts.

Register online at www.icdd.com/education/usersmeeting.asp



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