Commercial Announcements

Helios Software Announces MacPDF[™], Version 1, a Search Retrieval Package for the PDF-2 Powder Diffraction Database Helios Software, Inc., is pleased to announce the release of MacPDF[™] version 1.0, a Search/Retrieval package for the PDF-2 Powder Diffraction database on the Macintosh. If you have a Mac Plus or any newer model, you will now be able to access the PDF-2 database directly with your Macintosh. All you will need in addition to the Macintosh is a CD-ROM reader such as the Apple CD-SC, about 12 Megabytes free on your hard disk (for indexes), and the PDF-2 database on CD-ROM provided by the ICDD. (MacPDF has been developed with the full knowledge and encouragement of the ICDD).

 $MacPDF^{TM}$ is built upon a solid platform which will provide an advanced foundation for product development and innovation far into the future. For example, $MacPDF^{TM}$ is a true Macintosh application, programmed from the ROMS up, so to speak, not an MS-DOS application ported to the Macintosh. It is completely Multi-Finder compatible, and is developed in an environment which will allow it to take full advantage of the Macintosh graphically-based multi-windowing environment in all future development.

Helios Software is committed to maintaining and upgrading MacPDF[™]; indexes providing access to future PDF-2 database sets (sets 41 and above) will be available at or soon after publication by the ICDD of these sets. Upgrades will include new indexes and any bug fixes; fees will be comparable to those charged by the International Centre, as a percentage of the base price of the application. Currently, indexes for sets 38, 39 and 40 are available; contact Helios Software to determine availability of indexes for earlier sets.

We are currently working on the next stage of the application, which will incorporate complete Boolean search capability utilizing all available indexes, and testing MacPDF[™] under Apple's exciting new System 7.0.

Capabilities for version 1.0 include:

- File IO Users can create their own subfiles of PDF Cards on hard disk ... Files are saved from lists of cards in memory; full clipboard capabilities for these lists – cutting, copying, and pasting cards to and from lists.
- Printing ImageWriter ... LaserWriter.
- **Card Display** Single display window for any PDF Card, even if it is stored in multiple cards in the data base ... Pattern lines in scrolling list; all visible from the one card.
- Search/Retrieval By PDF Number, mineral name, chemical name, (organic & inorganic) & by 3 Strongest lines.
- **Graphical display** Graphing of 'stick figure' patterns by clicking 'Graph' button from open PDF Card ... User-specifiable wavelength at which to graph the stick figures.

Future versions of the application will include the ability to communicate directly with other applications, by saving cards, search results, stick figures, etc., as TEXT or PICTs; currently, the user can incorporate images of cards or stick figures into word processing, graphics and desktop publishing applications by saving screen dumps and loading them into these applications.

Helios Software, Inc., Box 44-1215, W. Somerville, MA, 02144. (617) 776-2943.

Capillary Tubes and Laboratory Supplies for X-Ray Diffraction Use

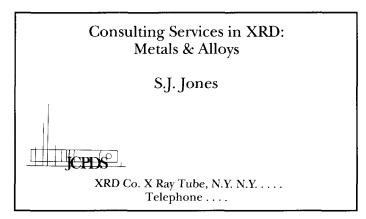
Kodak Direct Exposure Film especially developed for X-ray diffraction analysis. Available in 35mm x 20m rolls and in 50 sheet boxes. Polaroid XR-7 High Speed X-Ray Diffraction Polaroid Cassettes for Laue and Precession Photography, and Polaroid 3000 Speed Film, Type 57, in single-57.4 exposure packets. DEF-392 **CAPILLARY TUBES** Special Glass and Quartz in 15 sizes from 0.1mm to 3.5mm O.D. Uniform 89mm length and funnel shaped at the top. 0.01mm wall thickness. Charles Supper Company Manufacturers of Fine X-Ray Diffraction Equip ment For Over 45 Years 15 TECH CIRCLE, NATICK, MA 01760, U.S.A. TELEPHONE: (508) 655-4610 PD22 1-800-323-9645 Attend an ICDD Short **Course & Workshop** Advance your PDF Skills · Learn to identify/characterize crystalline substances using powder diffraction data.

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Search Match Methods Late Fall West Coast Clinics – The Pennsylvania State University XRD June 17-21, 1991 (Basic) June 24-28 (Advanced) XRF July 18-12, 1991 (Basic) July 15-19 (Advanced) For further information contact:

Ms. Josephine Felizzi JCPDS-ICDD 1601 Park Lane, Swarthmore, PA 19081 USA (215) 328-9400 Telex: 847170

Consultants Directory



Use this space to describe your organization and the services you offer. For example:

- Your field or fields of expertise
- Type of instrumentation you have available
- Types of analyses or investigations you would perform
- Description of staff and staff disciplines
- Typical response times (for sample analyses)
- Geographical restrictions, if any, for locations in which you would be available.

Powder Diffraction makes this page available for brief announcements of services offered by its readers or by other interested persons.

- Space Cost \$150 (no agency discount). This space will permit the display of a business card or other similar size text. The business card will be reproduced at no charge.
- Free space: Up to 12 lines of text immediately below the announcement.

A charge of \$15.00 will be made for typesetting of 12 lines of text. (If complex typesetting is required, e.g. use of a formula or table, the composition cost will be higher.)

Photographs. A charge of \$10.00 will be made per photograph.

Apply soon for space in the forthcoming June issue – to be distributed at PICXAM, the Pacific-International Congress on X-Ray Analytical Methods.

Write or call Mary M. Rossi, Advertising Manager, *Powder Diffraction*. ICDD, 1601 Park Lane, Swarthmore, Pennsylvania 19081 215-328-9403 FAX 215-328-2503

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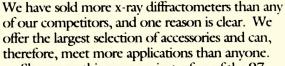


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OUR X-RAY DIFFRACTOMETERS FFER THE MOST APPLICATIONS



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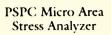




Stress Attachment



Multiple System Configurations



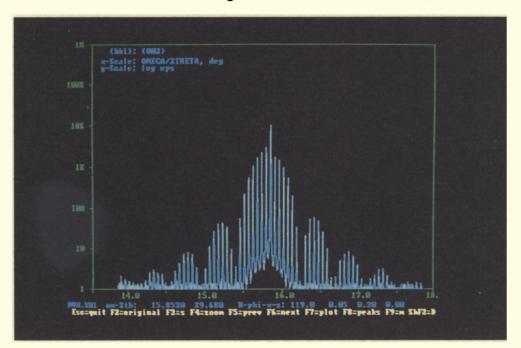


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