

**JUNE 2003 EDITION
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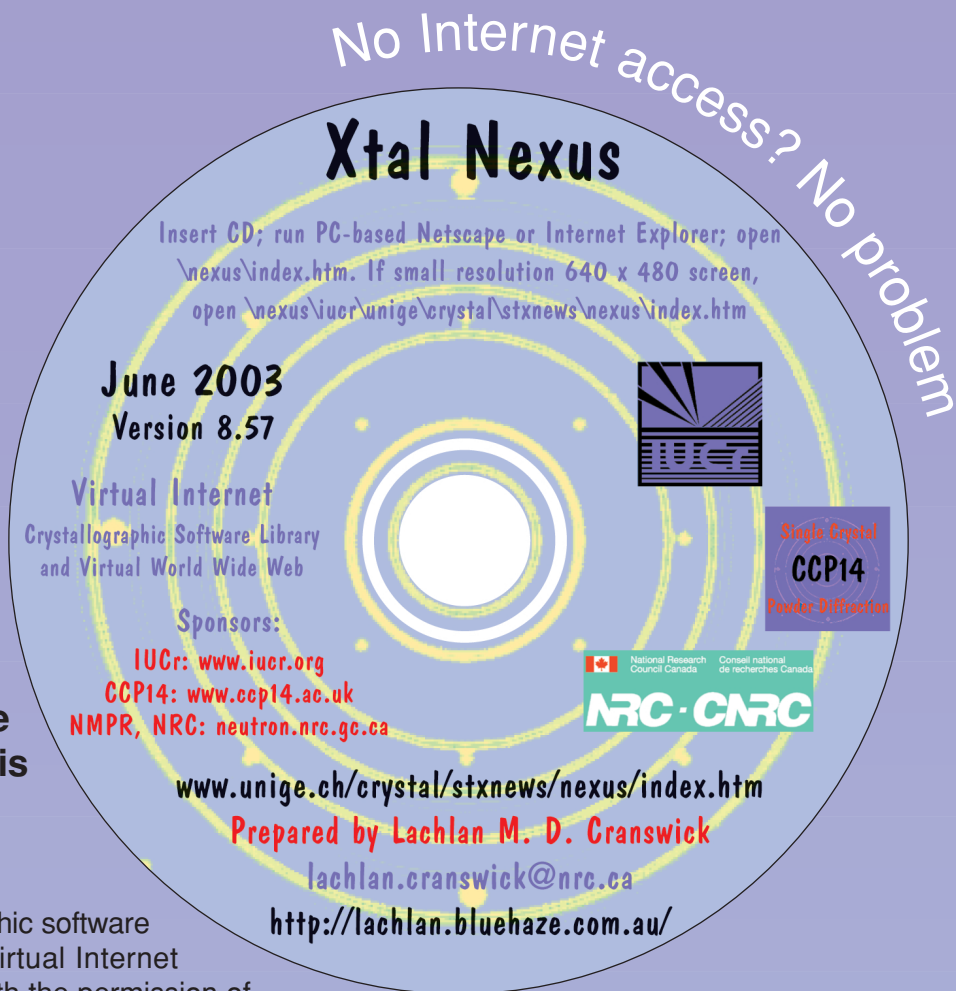
Packed with a host of crystallographic software packages and resources, these virtual Internet CD-ROMs have been produced with the permission of software and website custodians. The organizer of the Nexus project, the IUCr Committee on Electronic Publishing, Dissemination and Storage of Information, invites academics and students using single-crystal, powder diffraction and other crystallographic analysis methods in developing countries that are isolated from the Internet to register their interest. The CD-ROMs are free of charge and available while stocks last.

The CD-ROM is sponsored by the IUCr, the EPSRC-funded Collaborative Computational Project No. 14 (CCP14) for Single Crystal and Powder Diffraction, and the Neutron Program for Materials Research of the National Research Council of Canada.

Contents

Multiple software packages and suites relevant to single-crystal, powder diffraction, crystallographic structure validation and crystallographic teaching, including

- single-crystal structure solution and refinement suites for PC
- crystallographic structure visualization programs
- powder diffraction pattern visualization, peak profiling and indexing software
- powder diffraction structure solution
- classic and modern crystallographic program source code
- Rietveld refinement packages
- structure validation and checking software
- powder pattern simulation and journal-quality structure plotting and photorealistic rendering programs
- educational websites dealing with crystallographic teaching
- webpage-based tutorials on how to use many of the programs within the CD-ROM
- part of the IUCr website including IUCr Commissions.



Send your request for a free Xtal Nexus CD-ROM (preferably via e-mail or by conventional mail) to

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The CD-ROMs, and regular updates, will be sent by airmail.