

Calendar of Meetings
Computer Comments

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Regional Correspondents

Australia

Mr. Tony Raftery, Dept. of Physics,
Queensland Institute of Technology,
G.P.O. Box 2434, Brisbane, Queensland 4001, Australia

The Czech Republic

Dr. Jaroslav Fiala, Central Research Inst.,
ŠKODA, 31600 Plzeň, The Czech Republic

Japan

Hideo Toraya, Ceramics Research Laboratory,
Nagoya Institute of Technology,
Asahigaoka, Tajimi 507 Japan

Calendar of Meetings

1995

18–19 October

International Centre for Diffraction Data Fall Technical Meetings, ICDD Headquarters, Newtown Square, Pennsylvania, USA. [Contact: International Centre for Diffraction Data, Newtown Square Corporate Campus, 12 Campus Boulevard, Newtown Square, PA 19073, USA. Phone (610) 325-9814].

27 November–1 December

Materials Research Society Fall Meeting, Boston, Massachusetts, USA. [Contact: Materials Research Society, Meetings Department, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237, USA. Phone (412) 367-3003; FAX (412) 367-4373].

1996

18–25 January

International Schools and Conference on X-Ray Analytical Methods. Sydney, Australia. [Contact: Secretariat, GPO Box 128, Sydney NSW 2001, Australia].

8–17 August

Seventeenth IUCr General Assembly and International Congress of Crystallography. Seattle, Washington, USA. [Contact: Professor R. F. Bryan, Department of Chemistry, University of Virginia, Charlottesville, VA 22903, USA].

Computer Comments

EXECAL: A COMPUTER PROGRAM FOR CALIBRATION OF LINE POSITIONS IN XRPD

G. Kimmel and B. Sarusi

Research and Development Division,

Nuclear Research Center, Negev, Beer Sheva 84190, Israel

In order to calibrate powder diffraction line positions by using internal or external standards, a complete PC software

program has been prepared. The relation between the measured and expected 2θ values is found by fitting polynomial functions. The software features are: flexible input, free selection of polynomial order, automatic or on-line identification and specifying the SRM measured 2θ positions within the entire input file, global refreshing of the original data, and complete graphical and text output.

In this paper a new program for calibration is presented,