

**FOURTH INTERNATIONAL CONFERENCE ON
SMALL-ANGLE SCATTERING OF X-RAYS AND NEUTRONS
Gatlinburg, Tennessee, USA
3-7 October 1977**

The following four major review papers plus 67 other papers and extended abstracts stem from the Fourth International Conference on Small-Angle Scattering of X-rays and Neutrons. This conference was held in the resort village of Gatlinburg in the Great Smoky Mountains (Tennessee, USA) during 3-7 October 1977. The rapid growth of this field of research was evidenced by the significant increase in the number of papers presented - 137 as compared to 32 at the first conference (Syracuse, USA; 1965), 65 at the second conference [Graz, Austria; 1970 - see *J. Appl. Cryst.* (1971), **4**, 408-426], and 70 at the third conference [Grenoble, France; 1973 - see *J. Appl. Cryst.* (1974), **7**, 95-239]. The range of materials and problems studied and the extent and detail of structural information obtained, especially in non-crystalline systems, is astounding from the perspective of ten years ago. The authors of all papers presented at the conference were invited to submit their work to the *Journal*

of *Applied Crystallography* for possible publication, subject to the journal's usual stringent refereeing procedures. The papers appearing here represent only about 50% of those presented. The interested reader may obtain one of the few remaining copies of the Conference Abstract book from R. W. Hendricks.*

Some 230 participants and accompanying members from 15 countries† attended the conference, and there were commercial exhibits by seven manufacturers of X-ray and neu-

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† Austria (7), Belgium (2), Canada (2), France (17), Federal Republic of Germany (22), India (1), Israel (2), Japan (7), Netherlands (2), Sweden (2), Switzerland (3), Union of Soviet Socialist Republics (1), United Kingdom (12), United States of America (128), and Venezuela (1).



Honorees at the Fourth International Conference on Small-Angle Scattering of X-rays and Neutrons (from left to right) Professor W. W. Beeman (Wisconsin), Professor A. Guinier (Paris), Professor O. Kratky (Graz), Mrs Kratky, and Master of Ceremonies Professor H. Brumberger (Syracuse). The photograph was taken by R. L. Stephenson.

tron instrumentation. A highlight of the conference was the awards ceremony at which Professors W. W. Beeman, A. Guinier, and O. Kratky were honored for their contributions to the field of small-angle scattering. The awards were organized by the Special Interest Group on Small-Angle Scattering of the American Crystallographic Association. Each honoree presented a brief personal account of his perspective of the development of the field* and then each was presented a Steuben glass 'Paul Revere' bowl and a certificate.

The conference organizing committee consisted of R. W. Hendricks (Chairman), H. Brumberger, P. W. Schmidt, and L. B. Shaffer with a scientific advisory committee consisting of J. Baldrian (Czechoslovakia), R. E. Burge (UK), G. Damaschun (DDR), B. A. Fedorov (USSR), L. A. Feigin

(USSR), E. W. Fischer (BRD), A. Guinier (France), B. Jacrot (France), R. Kayushina (USSR), G. Kostorz (France), O. Kratky (Austria), G. Rosenbaum (BRD), W. Schmatz (BRD), E. Wada (Japan), and J. Zarzycki (France).

The Organizing Committee express their thanks to numerous people whose hard work made the conference so enjoyable and successful, principal among whom are F. A. Scarboro, N. F. Callahan, R. D. Carlson and J. S. Lin. The Committee also express appreciation to the Department of Energy,† National Science Foundation, Oak Ridge National Laboratory, American Crystallographic Association, USA National Committee for Crystallography, International Union of Crystallography, Office Naval Research (Department of the Navy) and the US Army Research and Standardization Group (Europe) (Department of the Army) for financial and material support.

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* *Remarks delivered at the Awards Ceremony, Fourth International Conference on Small-Angle Scattering of X-rays and Neutrons*, edited by H. BRUMBERGER and R. W. HENDRICKS, Oak Ridge National Laboratory Report ORNL/TM-6319 (June 1978) (available from R. W. Hendricks, Metals and Ceramics Division, Oak Ridge National Laboratory, P.O. Box X, Oak Ridge, TN 37830).

† Formerly the Energy Research and Development Administration.