

ACA Transactions Workshop Notes

Volume 2	1966	Machine Interpretations of Patterson Functions and Alternative Direct Approaches and The Symposium on Gas Phase Molecular Structure
Volume 3	1967	Thermal Neutron Scattering Applied to Chemical and Solid State Physics
Volume 4	1968	Low Energy Electron Diffraction
Volume 5	1969	Crystal Structure at High Pressure
Volume 7	1971	out of print
Volume 8	1972	Experimental and Theoretical Studies of Electron Densities
Volume 9	1973	Biophysical Applications of Crystallographic Techniques
Volume 10	1974	Liquids and Amorphous Materials
Volume 11	1975	Applied Crystal Chemistry and Physics 1975
Volume 12	1976	Instruments for Tomorrow's Crystallography
Volume 13	1977	Fifty Years of Electron Diffraction
Volume 14	1978	Structural Aspects of Homogeneous, Heterogeneous, and Biological Catalysis
Volume 15	1979	Chemistry and Physics of Minerals
Volume 16	1980	Structure and Bonding Relationships Between Quantum Chemistry and Crystallography
Volume 17	1981	Diffraction Aspects of Orientationally Disordered (Plastic) Crystals
Volume 19	1983	Small Angle Scattering
Volume 20	1984	Molecules in Motion
Volume 21	1985	Structure Determination with Synchrotron Radiation
Volume 22	1986	The Hydrogen Bond: New Insights on an Old Story
Volume 23	1987	Neutron Diffraction
Volume 24	1988	NMR and X-Ray Crystallography: Interfaces and Challenges
Volume 25	1989	Protein-Carbohydrate Interactions
Volume 26	1990	Studies of Electron Distribution in Molecules and Crystals
Volume 27	1991	The Structural Chemistry of Silicates
Volume 28	1992	Electron Crystallography
Volume 29	1993	Time-of-Flight Diffraction at Pulsed Neutron Sources
Volume 30	1994	Likelihood, Bayesian, Inference and Their Application to the Solution of New Structures
Volume 31	1995	Structural Tools in Organometallic and Coordination Chemistry
Volume 32	1997	Structural Informatics
Volume 33	1998	Crystal Engineering
Volume 34	1999	Two Decades of Synchrotron Radiation Research
Volume 35	2000	Using Crystallography to Understand Enzyme Mechanism
Volume 37	2002	Crystal Structure Determinations from Powder Diffraction
On-line only - free:		
Volume 38	2003	Biological Neutron Diffraction
Volume 39	2004	Crystals In Supramolecular Chemistry

#1	1974	Least Squares	(titles not listed are out of print)
#2	1975	Electron Microscopy	
#3	1977	Low Temperature X-ray Diffraction (LTXRD)	
#4	1978	Diffraction	
#6	1984	Calculation of Crystal Packing & Non-bonded Forces	
#7	1987	New Techniques in Electron Microscopy & Microdiffraction	
#8	1988	Anomalous Dispersion Techniques & Calculations	
#9	1989	The Rietveld Method	
#10	1989	Molecular Dynamics	
#11	1990	Accurate Single-Crystal Diffraction	
#12	1992	Structure Analysis by X-ray Crystallography – Summer Course	
#13	1992	Communicating Crystallographic Results	
#14	1993	Biomolecular Interaction: Workshop on Computational Approaches	
#15	1994	Isomorphous Replacement Methods in Macromolecular Cr	
#16	1995	SHELX Workshop	
#17	1997	Measuring Electron Density Distributions	
#18	1998	Riding the Fence Between Large and Small Molecules	
#19	1999	Area Detector Technology	
#20	1999	Solving Structures with SnB	
#21	2000	SHELX Workshop	
#22	2001	Iterative Single-wavelength Anomalous Scattering Method	
#23	2001	Real-space Pair Distribution Function Method (DISK ONLY)	
#24	2001	Neutron Diffraction Workshop	
#25	2002	Practical Structure Solution from Powder Diffraction Data	
#26	2002	Using the CCP4 Programs (DISK ONLY)	
#27	2005	Structure Solution and Refinement of difficult structures using Powder Diffraction (DISK ONLY)	
#28	2005	Macromolecular Structure Validation (DISK ONLY)	

Monographs

Number 4	On the Systems Formed by Points Regularly Distributed on a Plane or in Space M.A. Bravais, translated by A.J. Shaler, 1949
Number 8	Further Studies of Three-Dimensional Nets, A.F. Wells, 1979
Number 9	Nobel Laureates Symposium, Philadelphia, PA (video) 1988
Number 10	On the Foundations of Crystal Optics P.P. Ewald, translated by H. Juretschke & L. Hollingsworth, 1991

Annual Program and Abstract Books

Series 1	1950 through 1972	two volumes per year
Series 2	1973 through 2005	one volume per year