

Preface

For many years, two parallel series of international conferences dealing with solution chemistry took place in various countries and generally in alternate years. These were the International Conference on Non-Aqueous Solvents (ICNAS) and the International Symposium on Solute-Solute-Solvent Interactions (IS⁴I). The two series were amalgamated in 1988 to a common series, but in view of its antecedents, the ordinal numbering was not started afresh. Thus, it was the 20th International Conference on Solution Chemistry (ICSC), of which the plenary lectures are published in this issue, that took place in Jerusalem, Israel, between August 6 and 11, 1989.

The Conference was organized by the Local Organizing Committee (Y. Marcus, chairman, A. Apelblat, A. Ben-Naim, O. Kedem, B.S. Krumgalz, J. Padova, and Z. Rappoport) under the supervision of the International Steering Committee (J.B. Gill, chairman, S. Ahrland, J. Barthel, Ch. Detellier, G. Gritzner, V. Gutmann, P. Huyskens, Y. Marcus, A. Pethybridge, and A. Popov), and was sponsored by the International Union of Pure and Applied Chemistry (IUPAC), the Israel Chemical Society, and the Hebrew University of Jerusalem. Financial support was extended by the Hebrew University, the Israel Ministry of Science and Technology, Israel Chemicals, Ltd., U.S. Navy - Office of Naval Research (European Office) and U.S. Army Research, Development and Standardization Group (UK). The Conference was attended by more than one hundred participants from some twenty countries from all parts of the world.

The scientific program consisted of eight plenary lectures and more than forty oral presentations as well as some seventy posters. The following subjects, which are at the forefront of solution chemistry today, were represented: computer simulations, electrolyte solutions, solvent mixtures, spectroscopy of solvation, kinetics, solvation in organic chemistry, interactions of biological interest, and micelles and polyelectrolytes. Papers were also presented on solution chemical aspects of coordination chemistry, theories of solvation, and other miscellaneous topics.

YIZHAK MARCUS (Chairman of the Organizing Committee)
SHMUEL YARIV (Editor)