

## Preface

This issue of Pure and Applied Chemistry contains the texts of plenary and invited lectures presented at the Seventh International Meeting on Boron Chemistry (Imeboron) held in Toruń, Poland, from July 30 to August 3, 1990. The Meeting was sponsored by the International Union of Pure and Applied Chemistry, the Polish Academy of Sciences and was organized by the Institute of Chemistry, Nicolaus Copernicus University. It was attended by more than one hundred participants from 13 countries.

The scientific program consisted of 7 plenary and 18 invited lectures, 35 oral and 32 poster presentations. A well attended and stimulating panel discussion focused on current trends in practical applications of boron compounds. The papers presented at the Meeting ranged from theory to applied chemistry in areas which are at the forefront of boron chemistry today. The following subjects were represented: asymmetric synthesis via organoboranes, polyhedral borane chemistry, boron nitrogen chemistry, boron based ceramics, polymers, theoretical and mechanistic studies, enantioselective reductions of organic compounds, coupling reactions, allylic and hindered organoboranes. Biological and medical aspects of boron chemistry were strongly emphasized. In addition to lectures on boron analogues of aminoacids, synthesis and use of organoboranes in medical imaging and in boron neutron capture therapy for tumors, an impressive lecture by Hiroshi Hatanaka, professor of neurosurgery and the leading practitioner of this therapy was presented.

The manuscript of the session lecture by V.A. Ol'shevskaya and L.I. Zakharkin of the Institute of Organo-Element Compounds USSR Academy of Sciences, Moscow, entitled "1,2- and 1,7-dicarba-closo-dodecaboranes(12) with B-bonded functional groups" was not available and is not included herein.

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