

XIth Conference on Coordination Chemistry

The XIth Conference on Coordination Chemistry organized by the Slovak Chemical Society, Slovak Technical University, Comenius University, and the Slovak Academy of Sciences in Bratislava was held from June 2 to June 5, 1987, in the House of Scientific Workers of the Slovak Academy of Sciences at Smolenice.

The conference was attended by 100 participants from 12 countries: Belgium 2, Bulgaria 4, Czechoslovakia 61, Denmark 1, German Democratic Republic 5, German Federal Republic 3, Hungary 4, Italy 1, Poland 11, Soviet Union 4, USA 2, Yugoslavia 2.

Twelve plenary lectures (40 minutes) and eighteen section lectures (20 minutes) were delivered and sixty-eight posters were presented at the conference. Their essential parts are published in the *Proceedings of the XIth Conference on Coordination Chemistry* (95 papers, 480 pp.).

The plenary lectures dealt with the following topics: Structure and Bonding of Mn(V), Mn(VI) and Cr(V) in the Tetrahedral Sites of Oxidic Solids (*D. Reinen*, German Federal Republic), New Groups of Volatile Coordination Compounds (*S. V. Larionov*, the Soviet Union), Mechanism of Solid State Reactions and Coordination Chemistry (*L. Kolditz*, German Democratic Republic), Kinetics and Bonding Considerations — A Guide to New Coordination Polymer Structures with Examples Using Cobalt and Zirconium (*R. D. Archer*, USA), Metal Dimers in Metalloproteins (*I. Bertini*, Italy), New Platinum and Palladium Complexes with Creatine (*P. R. Bontchev*, Bulgaria), EPR Spectroscopic Studies on Tridentate Schiff Base Copper(II) Complexes with Additional Monodentate Donor Ligands (*C. Friebel*, German Federal Republic), Electrochemical and Spectroscopic Studies of Manganese Complexes Formed with Sugar Type Ligands (*L. Nagy*, Hungary), Preparation and Application of Sterically Hindered Pyridine Bases (*H. Elias*, German Federal Republic), Importance of Weak Complexes in Agricultural Chemistry (*M. T. Beck*, Hungary), On the Complex Catalysis of Amination of Olefins (*D. Steinborn*, German Democratic Republic).

The conference was devoted to topical problems and various fields of contemporary coordination chemistry, especially to the structure and bonding, synthesis and structures of new complexes, crystal structure and stereochemistry, reactivity, photochemistry and catalysis, theoretical aspects, thermal reactions, solid state chemistry and biological aspects of coordination compounds.

The next Conference on Coordination Chemistry at Smolenice is planned to be held in June 1989.

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