PREFACE

The photoreaction and photophysical properties of coordination compounds have drawn the attention of a growing number of research laboratories around the world. In part this interest has been stimulated by the view that such compounds may prove useful mediators in the conversion of solar radiation into storable chemical potential energy or may have valuable material properties for photooptical devices. A major forum for the presentation and discussion of results in this area has been the biennial International Symposium on Photochemistry and Photophysics of Coordination Compounds (ISPPCC). The 8th ISPPCC was held at the University of California, Santa Barbara (UCSB), August 13-17, 1989. Previous meetings in this decade have been at Mont Gabriel, Quebec, Canada (1980); Gif-sur-Yvette, France (1982); London, England (1984); and Elmau, West Germany (1987). The next ISPPCC is scheduled to be held in Fribourg, Switzerland in 1991.

At the 8th ISPPCC, there were 47 lecture presentations in sessions on "Photophysics" (3), "Spectroscopy", "Electron Transfer", "Photoreaction Mechanisms" (3), "Solids and Organized Assemblies", "Surfaces and Photocatalysis" and "Supramolecular Complexes". In addition, there were 70 poster presentations of technical papers and a special lecture by Vincenzo Balzani on the historical development of this field. The papers included in this volume of Coordination Chemistry Reviews constitute the majority of the Keynote and Invited Lectures as well as a handful of representative contributed lectures and posters. These are organized in the order of presentation.

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