

## Foreword

This volume is the Proceedings of the Seventh Symposium on Antarctic Meteorites which was held on February 19 and 20, 1982 at the National Institute of Polar Research (NIPR) in Tokyo. In the Symposium, 47 scientific papers in total were presented, including 11 papers contributed by overseas scientists. In this volume of the Proceedings, however, 25 papers only are contained, probably because the deadline date for submitting paper manuscripts was strict in order that this Proceedings volume be published before the Eighth Symposium on Antarctic Meteorites which is planned to be held in early 1983.

Scientific papers contained in this volume may be roughly classified into four groups, namely, 2 papers of the general classification of new Antarctic meteorites, 8 papers on petrology and mineralogy, 4 papers on chemistry and 11 papers on various physical properties of Antarctic meteorites. The 47 orally presented papers consisted of 7 papers on the general characterization and classification of new Antarctic meteorites, 17 papers on petrology and mineralogy, 10 papers on chemistry including chronology and 13 papers on physical properties. It may thus be noted that some important papers may be missed in this volume. It is hoped therefore that these missed papers on Antarctic meteorites will be re-presented in a renewed and extended form in the coming symposia on Antarctic meteorites and in their proceedings.

It looks likely that studies on various physical properties of meteorites in direct relation to the evolution of the solar system are comparatively emphasized in the series of NIPR Symposia on Antarctic meteorites, *i.e.* in the past series of the symposia proceedings as well as in the present volume for the Seventh Symposium. It is hoped that physical studies on meteorites will be further developed together with extensive petrological, mineralogical and chemical studies on meteorites in more detail in order to establish unified science of the evolution of our solar system on the basis of meteoritic research.

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