

Foreword

This volume is the proceedings of “The Seventeenth Symposium on Coordinated Observations of the Ionosphere and the Magnetosphere in the Polar Regions” which was held at the National Institute of Polar Research (NIPR) on December 14–15, 1993. The NIPR annual symposia are devoted to discussing significant scientific results of studies on the ionosphere and the magnetosphere in the polar regions. The seventeenth symposium consisted of following ten oral and poster sessions: 1) Auroral optical observations, 2) Imaging riometer observations, 3) Modeling and simulations, 4) Polar patrol balloon observations, 5) Akebono (EXOS-D) observations, 6) Conjugate observations in Iceland, 1993, 7) JARE-33~35 observations, 8) JARE unmanned observations, 9) HF radar and 10) Future plans.

The present volume contains 9 selected scientific papers among 72 individual contributions presented at the symposium. It is hoped that this Proceedings of the NIPR Symposium on Upper Atmosphere Physics will be valuable to those who are interested in the ionospheric and magnetospheric phenomena in the polar regions and also to those who are concerned with Antarctic research activities.

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