

## **Foreword**

This volume is the proceedings of “The Eighteenth 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 November 1-2, 1994. The NIPR annual symposia are devoted to discussing significant scientific results of studies on the ionosphere and the magnetosphere in the polar regions. The eighteenth symposium consisted of following seven oral and poster sessions:

- 1) Ionosphere/magnetosphere (Review)
- 2) Poster session (#1)
- 3) Aurora
- 4) Thermosphere/mesosphere
- 5) Solar activity and climate change
- 6) Poster session (#2)
- 7) Future plans

The present volume contains 11 selected scientific papers among 73 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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