

Foreword

This volume is the proceedings of “The Twenty-First 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 July 24–25, 1997. The NIPR annual symposium is devoted to discuss significant scientific results of studies on the ionosphere and the magnetosphere in the polar regions. The twenty-first symposium consisted of following eight sessions: 1) Mesosphere and thermosphere, 2) HF and VHF radars, 3) EISCAT radar, 4) Geomagnetic conjugate observations, 5) Aurora, 6) Pulsation and wave phenomena, 7) Solar wind and magnetosphere and 8) Geomagnetic conjugate observations.

The present volume contains 11 refereed scientific papers. In addition, 9 extended abstracts are included. They are the outcomes from 66 individual contributions presented at the symposium. It is hoped that this will be valuable to those who are interested in the ionospheric and magnetospheric physics in the polar regions and also to those who are concerned with Antarctic research activities.

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