

Foreword

This is the second volume of the “Advances in Polar Upper Atmosphere Research (APUAR)” which succeeded the “Proceedings of the NIPR Symposium on Upper Atmosphere Physics” and includes papers presented at “The Twenty-third Symposium on Coordinated Observations of the Ionosphere and the Magnetosphere in the Polar Regions” held at the National Institute of Polar Research (NIPR) in August 1999. The annual Symposium is devoted to discuss significant scientific results of studies on the ionosphere and the magnetosphere in the polar regions. Furthermore, this journal extensively accepts contributed papers which do mark the advance of research works on the polar upper atmosphere physics in recent years.

The present volume contains 20 refereed scientific papers, research notes and reviews. It is hoped that this will be valuable to those who are interested in the polar ionospheric and magnetospheric physics and also to those who are concerned with Arctic and Antarctic research activities.

Editorial Board of APUAR

Editor-in-chief: Takehiko Aso

Editors: Masaki Ejiri

Tadahiko Ogawa

Natsuo Sato

Kazuo Makita

Hisao Yamagishi

Ryoichi Fujii

Kazuo Shibasaki

Editorial secretary:

Nobuko Takahama