Foreword

This volume 18 is the sixth volume of the "Advances in Polar Upper Atmosphere Research (APUAR)" which succeeded the "Proceedings of the NIPR Symposium on Upper Atmosphere Physics" in 1999 and includes papers presented at or related to "The Twenty-seven Symposium on Coordinated Observations of the Ionosphere and the Magnetosphere in the Polar Regions" held at the National Institute of Polar Research (NIPR) in summer 2003. The annual Symposium is devoted to discuss significant scientific results of studies on the ionosphere and the magnetosphere in the polar regions. The 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 14 refereed scientific papers, research notes and reports. We sincerely hope that this will be valuable to those who are interested in the polar ionospheric and magnetospheric physics and to those who are engaged in Arctic and Antarctic research activities.

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