

Preface

Tenth International EISCAT Workshop

This issue contains a selection of papers presented at the 10th International EISCAT Workshop held in Tokyo, Japan, from 23–27 July 2001. This was the tenth workshop in a 20-year-sequence started in 1983 in Aussois, France, and organized bi-annually by the EISCAT community to present and to discuss recent results as well as new developments related to EISCAT. With 102 participants from 12 countries (including 5 from outside the EISCAT Association) this workshop showed again that EISCAT is really an excellent research tool and attracts interested scientists from all over the world. 82 oral presentations and 28 posters reflect once more the great scientific productivity of the EISCAT community and its valuable contribution to new knowledge.

The 19 contributions in the special issue include three papers from each of the three sessions, Mesosphere and thermosphere studies, HF radio wave interactions with the ionosphere, and Coordinated observations with rocket and satellite, in particular Cluster-II. These are among the recent in-

terests of the EISCAT community. Moreover, four sessions, Structure and dynamics of the aurora and the polar ionosphere, New hardware and software developments, Space weather: contributions from EISCAT and ground-based facilities, and Future use and application of EISCAT have two papers, each, which cover areas from the most traditional EISCAT subject matter up to the innovative applications which might open wider scope for the future EISCAT.

We thank our colleagues in the local organization team and the administrators from the National Institute of Polar Research, Japan. We are also grateful to the Editor-in-Chief, Denis Alcaydé, for giving us the possibility of publishing the scientific results in a special issue of this journal. Last but not least we thank Ms. Sylviane Perret for her excellent editorial work.

Takehiko Aso
Guest Editor