

## PREFACE

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G. Teleki

The IAU symposium no 89, 'Refractional Influences in Astrometry and Geodesy', was held at the University of Uppsala, Sweden, during August 1 through August 5, 1978. It was a joint meeting of IAU and IAG, cosponsored by IAG and IUGG. Considerable financial support was also given by the Swedish Natural Science Research Council, the Wallenberg Foundation in Stockholm and the University of Uppsala.

The Scientific Organizing Committee included G. Teleki (chairman), W. Altenhoff (Bonn), P. Bender (Boulder), L. Hradilek (Prague), J.A. Hughes (Washington D.C.), J. Kakkuri (Helsinki), A.J. Nefedieva (Kazan), J. Saastamoinen (Ottawa), C. Sugawa (Mizusawa) and E. Tengström (Uppsala). The Local Organizing Committee included E. Tengström (chairman and convenor), I. Ohlsson (adm. secretary and treasurer), P. Hodacs, S-G. Mårtensson, S. Eklund and M. O'Shaughnessy, all from Uppsala.

This symposium was the first international meeting of astronomers and geodesists connected with refraction phenomena.

The proceedings of this symposium contain all papers accepted by its Scientific Organizing Committee, and all discussions around them together with all contributions during special workshops and round-table discussion programs.

The material for the account of this joint IAU/IAG symposium was given as camera-ready manuscripts demanded from the publisher, and prepared from manuscripts submitted by the responsible participants. Almost all contributions have been contained, either in their complete form or as abbreviations. The discussions, which were recorded on tape during the sessions, thanks to efforts of Mr Hodacs, have been followed in detail by the editors Teleki and Tengström, who have carefully listened at the tapes from various sessions. A first draft of the discussions was then sent out to all participants involved. As soon as their corrections were made available, the definitive text has been written in the Reidel format by I. Ohlsson. If no response to our inquiry for eventual changes has reached us in time, the contributor's original wordings have been accept-

ed as printable.

The editors are extremely grateful for the very efficient help in editing the proceedings of this first joint meeting between IAU and IAG on Refraction, given by the administrative secretary of the Local Organizing Committee, Miss Ingegerd Ohlsson, Uppsala.

At last, the editors like to stress the fact, that this joint meeting on Refraction, according to its 8th resolution, will be able to speed up the effort for creating an interunion body on this subject (IAU/IUGG). The immediate effect of this resolution must certainly be, that the Executive Committees of IAU and IAG must take it into consideration in their most urgent plans for common future activities.