

HIGHLIGHTS OF ASTRONOMY

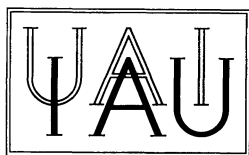
INTERNATIONAL ASTRONOMICAL UNION
UNION ASTRONOMIQUE INTERNATIONALE

HIGHLIGHTS OF ASTRONOMY

AS PRESENTED AT THE XIIIth GENERAL ASSEMBLY
OF THE I.A.U.

1967

EDITED BY
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PREFACE

The XIIIth General Assembly of the International Astronomical Union, held in Prague from 22 to 31 August, 1967, brought together more than 1800 active astronomers from 40 countries. The agenda of the Assembly ranged from administrative questions to highly intricate scientific problems. Thirty-eight Presidents of the IAU Commissions contributed by their reports to a detailed survey of Astronomy for the period 1964–67. These reports were published in the *Transactions* of the IAU, Volume XIII A. Transactions volume XIII B bring the results of the administrative meetings and of the meetings of Commissions held during the General Assembly.

The present volume is devoted to the most important scientific results of the General Assembly as presented in the *Invited Discourses*, *Joint Discussions*, and at *Special Meetings*.

It is an established policy of the Union to invite prominent astronomers to hold, during the General Assembly, formal discourses on topics of major importance due to recent significant developments. These Invited Discourses cover, as a rule, broad fields of astronomical interest and are meant to give basic information also to scientists from other branches. Subjects which call for a more detailed technical approach are dealt with in the Joint Discussions or at Special Meetings. Here, invited speakers present authoritative surveys complemented by communications on current or envisaged projects.

The proceedings of two other meetings, on Moon Probes and on Coordination of Solar Observations Made at Ground-based Observatories and with Space Vehicles, are of a sufficiently wide interest to warrant the inclusion into this volume.

The proceedings published in the present volume are certainly the Highlights of Astronomy 1967, but only the highlights. It should be emphasized that the 140 Commission meetings held during the General Assembly brought a wealth of highly important scientific results which, however, could not be included in this volume. These results can be found in astronomical journals and in the publications of observatories.

L. PEREK

December 1967

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