

INTERNATIONAL ASTRONOMICAL UNION

HIGHLIGHTS OF ASTRONOMY

VOLUME 10

*As presented at the XXIIInd General Assembly
of the IAU, 1994*

Edited by I. APPENZELLER



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KLUWER ACADEMIC PUBLISHERS

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Since 1967, the most prominent events of a General Assembly of the International Astronomical Union have been published in a separate volume. The *Highlights of Astronomy* (Volume 10) reports on the major scientific presentations made at the XXIIInd General Assembly, August 15–27, 1994, The Hague, The Netherlands. The present volume contains the texts of the three Invited Discourses and of the papers presented during 14 Joint Discussions, a summary of 2 Joint Discussions, the papers presented during a Special Session and the summary of a second one, and the papers presented during 2 Working Group Meetings.

Cover image:

Jupiter after the impact of fragments of Comet Shoemaker-Levy 9. $1.7\mu\text{m}$ CH_4 band image obtained by T. Herbst (MPIA) at the Calar Alto Observatory 3.5m telescope.

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UNION ASTRONOMIQUE INTERNATIONALE

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General Secretary of the Union



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