

IAU Transactions
XXX

Proceedings of the International Astronomical Union

Proceedings of the Thirtieth General Assembly Vienna 2018

Edited by

Debra Meloy Elmegreen

ISSN 1743-9213

International Astronomical Union



CAMBRIDGE
UNIVERSITY PRESS



TRANSACTIONS OF THE INTERNATIONAL ASTRONOMICAL UNION
VOLUME XXX

PROCEEDINGS OF THE THIRTIETH GENERAL
ASSEMBLY VIENNA 2018

COVER ILLUSTRATION:

Paranal Observatory at Dusk: Dramatic dusk with dissipating thin clouds over ESO Paranal Observatory captured on 4 July 2019 (just 2 days after the total solar eclipse at La Silla). The crescent Moon can be seen on left.

Auxiliary telescopes, Cerro Paranal, VLT Unit Telescopes

Credit: ESO/P. Horalek

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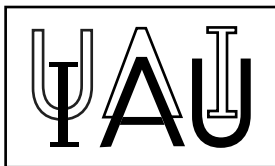
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INTERNATIONAL ASTRONOMICAL UNION
UNION ASTRONOMIQUE INTERNATIONALE

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IAU President (2021–2024)



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University Printing House, Cambridge CB2 8BS, United Kingdom
1 Liberty Plaza, Floor 20, New York, NY 10006, USA
10 Stamford Road, Oakleigh, Melbourne 3166, Australia

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First published 2024

Printed in Great Britain by Henry Ling Limited, The Dorset Press, Dorchester, DT1 1HD

Typeset in System L^AT_EX 2 ϵ

*A catalogue record for this book is available from the British Library of Congress
Cataloguing in Publication data*

This journal issue has been printed on FSCTM-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

ISBN 9781108488723 hardback
ISSN 1743-9213

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Preface

The IAU *Transactions B* series report the activities that take place during the General Assembly (GA). These reports record all the essential decisions taken by the main governing body of the IAU: the approval of the financial accounts and of the proposed budget for the next triennium, the admission of new National Members and Individual members, the evaluation of Division and Commission reports, the approval of Resolutions, etc.

The General Assembly welcomed the re-admission of Algeria, Jordan, Morocco (Observer), and the admission of Ghana, Cyprus, Madagascar (Observer), Mozambique (Observer), Syrian Arab Republic (Observer) and United Arab Emirates as a National Member. The General Assembly also welcomed the admission of 1240 new Individual and Junior Members from 41 Countries.

At the General Assembly there was the launching of the IAU 100 years celebration, which included the “Under One Sky: The IAU Centenary Symposium” and other events around the world.

The Proceedings of the 6 Scientific Symposia held during the GA and of the “Under One Sky: The IAU Centenary Symposium” that was launched during the GA were published separately by Cambridge University Press in the Series IAU Symposia.

The Proceedings of the 13 Focus Meetings that took place during the GA were published separately by Cambridge University Press in the “Astronomy in Focus” volume.

A sincere thank to the University of Vienna, the Austrian Academy of Sciences and the Austrian Society for Astronomy and Astrophysics for organising a very exciting and pleasant General Assembly, in the beautiful city of Vienna.

Teresa Lago, General Secretary (2018–2021)

Addendum:

The world was forever changed not long after the 2018 General Assembly. This XXX GA volume was delayed due to the coronavirus pandemic and other disruptions, so was prepared by the subsequent administration. Because this was done five years after the General Assembly, some information were not recoverable. Since *Transactions A* has been replaced by *Astronomy in Focus*, hereafter the GA volumes will be known as *Transactions* rather than *Transactions B*. This volume contains all of the items available as of August 2023. I am grateful to Piero Benvenuti, Silvia Torres-Peimbert, Ewine van Dishoeck, Teresa Lago, and Gerhard Hensler for their assistance in providing materials.

Debra Meloy Elmegreen, President (2021–2024)