

# FOREWORD

It is often debated whether we should print proceedings in the Internet era. Printed books have been with us for centuries, they are great for archival purposes, and there is a significant number of users who prefer to read paper copies rather than stare at electronic screens. We believe that there is great value in the availability of printed volumes, so we are very happy that the Proceedings of the ICM 2022 are now available in print. At the same time, the Proceedings are available electronically and freely at the website of the International Mathematical Union and individual contributions are available through the website of the EMS Press, the publishing house of the European Mathematical Society.

These Proceedings consist of seven volumes. The first volume contains addresses from the IMU leadership, IMU Awards and Prizes (Fields Medals, Abacus Medal, Gauss Prize, Chern Medal and Leelavati Prize) presentations and laudations, the special Emmy Noether Lecture, and popular scientific expositions by Andrei Okounkov about the work of all Fields medalists as well as brief texts by Allyn Jackson about other prize recipients. The second volume contains all plenary lectures. The remaining five volumes contain sectional and special lectures.

We would like to thank Apostolos Damialis as well as Gabriella Böhm, Theresa Haney, Simon Winter, and the rest of the EMS Press team for their tireless work preparing these volumes, and Natalia Agapova for designing the covers and the style. We are grateful to the IMU for funding the production and printing of the Proceedings. We are particularly thankful to Andrei Okounkov who has written accessible notes about the work of the Fields medalists. Finally, we would like to thank all authors for preparing their contributions – without your work these volumes would not exist!