Preface

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This special issue of the Bollettino consists of invited contributions by speakers at the XXI Congress of the Italian Mathematical Union, which was held on the magnificent campus of the University of Pavia, September 2nd to 7th, 2019. The event was a great success which saw the participation of 617 attendees, the highest number of participants in the history of the Union. The scientific program of the XXI Congress touched a rich selection of topics, covering all domains of mathematics with 12 plenary talks, 18 invited talks, 1 public lecture by 2018 Field Medallist Alessio Figalli, and almost 400 contributed talks on parallel sessions. Table discussions, visits to the city and its surroundings, and a spectacular social dinner completed the program.

The variety of topics of this volume reflects the spirit of the Congress, aiming to offer a glance on current mathematical research by the broad community of Italian mathematicians, operating in Italy and worldwide. In a time of highly specialised meetings, one may need to be informed of the scientific work that is being carried at a national level. In the contents of this volume, the reader will find connections with the mathematical traditions of our country as well as new inputs that are likely to become part of our tradition in the future.

Last but not least, I would like to thank those who took part in the making of this issue and, in particular, all authors for submitting their papers and referees for devoting their time to reviewing.

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