



## EDITORIAL

It is a great pleasure and a particular honor for me to present the first issue of the new journal *Advances in Group Theory and Applications*. It is published by the non-profit association AGTA, with the aim of publishing original and high-quality peer-reviewed papers in the theory of groups and its applications. The mathematical world today actively investigates numerous cross-disciplinary research problems in which the theory of groups plays a conspicuous and essential role. For that reason the provision of a new specialised journal dedicated entirely to this subject area seems both timely and desirable.

Both the association and the journal wish to become reference points for young people intending to do research in group theory, regardless of their geographic origin. To this end the journal will feature a special section (ADV – Perspectives in Group Theory) devoted to relevant open problems.

*Advances in Group Theory and Applications* is published as a printed volume and as an open-access online journal, freely downloadable from the website of the association, at the address

[www.advgrouptheory.com/journal](http://www.advgrouptheory.com/journal)

I wish to thank all members of the Editorial Board for their encouragement, support and expertise when undertaking this venture. To Marco Trombetti I extend my very special gratitude for his untiring efforts which ensured the smooth and timely completion of this first issue.

The first issue of *Advances in Group Theory and Applications* is dedicated to Prof. Dr. Hermann Heineken, on the occasion of his eightieth birthday. His major contribution to group theory over the years is widely acclaimed and greatly valued. I am personally proud to have had on several occasions the opportunity of working with

him and benefitting directly from his broad knowledge and friendly encouragement. I take this opportunity to thank James C. Beidleman, who first suggested that the publication of a collection of scientific contributions dedicated to Hermann would be a fitting and appropriate way of marking his special occasion. This volume and all its contributors fully endorse these sentiments.

*Francesco de Giovanni*