

## Preface

The AMSI International Conference in Harmonic Analysis and Applications was held at Macquarie University, in Sydney, from 7 to 11 February 2011. The topics presented included analysis on Lie groups, function spaces, singular integrals, applications to partial differential equations and image processing, and wavelets.

This conference brought together leading international and Australian researchers, as well as young Australian researchers and PhD students, in the field of Harmonic Analysis and related topics for the dissemination of the most recent developments in the field, and for discussions on future directions. The intention was to display the breadth and depth of recent work in Harmonic Analysis, to reinforce existing collaboration, and to forge new links.

As organisers of the conference, we are grateful to the conference participants and speakers, many of whom travelled large distances, for their contributions. Financial support for the conference was provided by the AMSI and the Department of Mathematics at Macquarie University. As editors of this volume, we would also like to thank the Centre for Mathematics and its Applications in Canberra for help in preparing these proceedings. The smooth running of the conference would not have been possible without the organisational skills of Christine Hale of the Department of Mathematics at Macquarie University.

This volume contains proceedings of the conference. Each article in this volume has been peer refereed. We thank all the authors for their excellent contributions and the referees for their attention to detail.

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