Preface

This book contains all of the papers presented at the 11th International Conference on Field Programmable Logic and Applications (FPL 2001), hosted by The Queen's University of Belfast, Northern Ireland, 27–29 August 2001. The annual FPL event is the longest-standing international conference covering programmable logic, reconfigurable computing, and related matters. It was founded in 1991, and has been held in Darmstadt, Glasgow, London, Oxford (thrice), Prague, Tallinn, Vienna, and Villach. FPL brings together experts, users, and newcomers from industry and academia, in an informal and convivial atmosphere that encourages stimulating and productive interaction between participants.

The size of the FPL conference has been growing rapidly, the number of participants increasing from 144 in 1999 to 240 in 2000. The number of papers submitted in 2001 was in line with the previous year, and our goal for 2001 was to sustain the growth in participation. The 117 submitted papers came from 24 different countries: USA (26), UK (24), Germany (14), Spain (12), Japan (7), France (4), Greece and Ireland (3 each), Belgium, Canada, Czech Republic, Finland, Italy, The Netherlands, Poland, and Switzerland (2 each), and Austria, Belarus, Brazil, Iran, Mexico, Portugal, South Africa, and Sweden (1 each). This illustrates the position of FPL as a genuinely international event, with by far the largest number of submissions of any conference in this field. As in previous years, each submitted paper was subjected to thorough reviewing. As a result, 56 regular papers and 15 posters were accepted for presentation. Another three keynote papers were invited.

We thank all the authors who submitted papers, and also thank the members of the program committee and the additional referees who carefully reviewed the submissions. We thank Reiner Hartenstein for publicizing the event, Axel Sikora for coordinating the industrial input, Thomas Hoffmann and Ulrich Nageldinger for their assistance with the software for the reviewing process and the general handover from the previous year. We also acknowledge the cooperation given by Alfred Hofmann of Springer-Verlag, which has now been the official publisher for eight consecutive years. Financial support is vital to the organization of any conference, and we acknowledge considerable assistance from the Industrial Development Board for Northern Ireland, which sponsored the conference banquet, Amphion Semiconductor, which sponsored the industry night, and Quicksilver Technology, which supported the Michal Servit award. Finally, we thank the many staff who have assisted at Queen's University of Belfast, particularly Sakir Sezer and Victoria Stewart for their help in local organization, Richard Turner and Tim Courtney for their general assistance, and Paula Matthews for her considerable effort on all aspects of administration.

June 2001

Gordon Brebner
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