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Preface

This volume contains the full papers presented at the 12th International Conference on Logic for Programming, Artificial Intelligence, and Reasoning (LPAR), held 2-6 December 2006, in Montego Bay, Jamaica. The call for papers attracted 108 full paper submissions, each of which were reviewed by at least three reviewers. The Program Committee accepted the 46 papers that appear in these proceedings. The conference program also included 4 invited talks, by Tom Ball of Microsoft Research, Doug Lenat of Cycorp, Roberto Nieuwenhuis of the Universidad Politécnica de Cataluña, and Allen Van Gelder of the University of California at Santa Cruz. Papers or abstracts for the invited talks are in these proceedings.

In addition to the main program, the conference offered a short paper track, which attracted 13 submissions, of which 12 were accepted, and the Workshop on Emperically Successful Higher Order Logic (ESHOL).

Thanks go to: the authors (of both accepted and rejected papers); the Program Committee and their reviewers; the invited speakers; Christoph Benz Müller, John Harrison, and Carsten Schürmann for organizing ESHOL; Celia Alleyne-Ebanks for administering the conference in Jamaica; the Honorable Minister Phillip Paulwell of the Ministry of Commerce, Science and Technology for opening the conference (and Daphne Simmonds for introducing us to the minister); the Mona Institute of Applied Sciences at the University of the West Indies for their support; Microsoft Research for sponsorship of student registrations; the Kurt Gödel Society for taking registrations; and EasyChair for hosting the review process.

October 2006

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