Preface

This volume contains the proceedings of the ACM SIGPLAN Workshop on Languages, Compilers, and Tools for Embedded Systems (LCTES 2000), held June 18, 2000, in Vancouver, Canada. Embedded systems have developed considerably in the past decade and we expect this technology to become even more important in computer science and engineering in the new millennium.

Interest in the workshop has been confirmed by the submission of papers from all over the world. There were 43 submissions representing more than 14 countries. Each submitted paper was reviewed by at least three members of the program committee. The expert opinions of many outside reviewers were invaluable in making the selections and ensuring the high quality of the program, for which, we express our sincere gratitude. The final program features one invited talk, twelve presentations, and five poster presentations, which reflect recent advances in formal systems, compilers, tools, and hardware for embedded systems.

We owe a great deal of thanks to the authors, reviewers, and the members of the program committee for making the workshop a success. Special thanks to Jim Larus, the General Chair of PLDI 2000 and Julie Goetz of ACM for all their help and support. Thanks should also be given to Sung-Soo Lim at Seoul National University for his help in coordinating the paper submission and review process.

We also thank Professor Gaetano Borriello of the University of Washington for his invited talk on Chinook, a hardware-software co-synthesis CAD tool for embedded systems.

January 2001
Jack Davidson
Sang Lyul Min

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