CPC2000

Eighth International Workshop on Compilers for Parallel Computers

Aussois, France, January 4-7 2000

Sponsored by INRIA, CNRS, and GDR-ARP

Preface

CPC2000 is the eighth in a series of workshops on Compilers for Parallel Computers that take place every 18 months. Previous workshops were held in Oxford (1989), Paris (1990), Vienna (1992), Delft (1993), Malaga (1995), Aachen (1996), and Vadstena (1998). The major aim of the workshop is to give researchers the opportunity to present their current research activity and latest results in the field of compiling for parallel computers, and to participate in informal discussions.

The 8th workshop was held in Aussois, a small ski resort in the french Alpes at the very beginning of Y2K. This volume contains the papers that were presented at CPC2000. They cover many aspects of compilation for parallel computers: compilation and parallelization environments, performance evaluation, program analysis, code optimizations, language extensions, compilation of Fortran77, Java, compilation for clusters, etc.

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