



# Languages and Compilers for High Performance Computing: 17th International Workshop, Lcpc 2004, West Lafayette, IN, USA, September 22-24, 2004, Revised Selected Papers

By -

Springer. Paperback. Book Condition: New. Paperback. 494 pages. Dimensions: 9.1in. x 6.0in. x 1.1in. The 17th International Workshop on Languages and Compilers for High Performance Computing was hosted by Purdue University in September 2004 on Purdue campus in West Lafayette, Indiana, USA. The workshop is an annual international forum for leading research groups to present their current research activities and the latest results, covering languages, compiler techniques, run-time environments, and compiler-related performance evaluation for parallel and high-performance computing. Eighty-six researchers from Canada, France, Japan, Korea, P. R. China, Spain, Taiwan and the United States attended the workshop. A new feature of LCPC 2004 was its mini-workshop on Research-Compiler Infrastructures. Representatives from four projects, namely Cetus, LLVM, ORC and Trimaran, gave a 90-minute long presentation each. In addition, 29 research papers were presented at the workshop. These papers were reviewed by the program committee. External reviewers were used as needed. The authors received additional comments during the workshop. The revisions after the workshop are now assembled into these final proceedings. A panel session was organized by Samuel Midkiff on the question of What is Good Compiler Research Theory, Practice or Complexity. The workshop also had the honor and



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