## <<并行算法、结构和编程国际研讨会论>>

#### 图书基本信息

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#### 前言

Welcome to the Inaugural Symposium on Parallel Algorithms , Architectures and Programming (PAAP08). Organized for celebration in honour of the 50th anniversary of University of Science and Technology of China and 70th birthday of Academician of Chinese Academy of Sciences Prof. Guoliang Chen. PAAP08 is an international forum for scientists , engineers , and practitioners to present the latest research ideas , developments and applications in all areas of parallel and distributed computing with the focuses on parallel algorithms , architectures and programming techniques. The University of Science and Technology of China was established by the Chinese Academy of Sciences (CAS) in1958 in Beijing as a new type of university in the country , and then moved to Hefei in Anhui Province in 1970. Since its establishment , USTC has made distinguished achievements in talent fostering , scientific research and technology transfer. It has become an important base of topquality talent training and highlevel scientific research for the nation. The University is regarded by the Ministry of Science and Technology as one of the best 4 universities in scientific research performance in China. The University ranks consistently among the best in the review of Chinese top universities by the US journal "Science" and the French journal "Research". It is our honour that PAAP08 is presented for USTCs 50th anniversary celebration.

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#### 内容概要

The University of Science and Technology of China was established by the Chinese Academy of Sciences (CAS) in 1958 in Beijing as a new type of university in the country, and then moved to Hefei in Anhui Province in 1970. Since its establishment, USTC has made distinguished achievements in talent fostering, scientific research and technology transfer. It has become an important base of topquality talent training and highlevel scientific research for the nation. The University is regarded by the Ministry of Science and Technology as one of the best 4 universities in scientific research performance in China. The University ranks consistently among the best in the review of Chinese top universities by the US journal "Science" and the French journal "Research". It is our honour that PAAP08 is presented for USTCs 50th anniversary celebration.

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#### 书籍目录

Scalable Computing in the Multicore EraFinding Tightly-coupled Sub-arrays on Reconfigurable Meshes A Framework for Parallel Nonlinear Optimization by Partitioning Localized ConstraintsReliable Embedding of Paths in Mobius Cubes with Faulty NodesImpact of Process Mapping to MPI Allgather Performance on Multi-core ClusterApproximating Backbone in the Weighted Maximum Satisfiability ProblemOn Secure Distributed Data SharingTheoretical Investigations of Evolutionary Algorithms at NICALApplication of Intelligent Computing in Production Scheduling: A ReviewQuantitative Performance Evaluation for Program Optimization by ProfilingA VOD System Based on Hybrid P2P NetworkLinpack Test on KD-50-I High Performance Computer

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