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Preface

The Third International Frontiers of Algorithmics Workshop (FAW 2009), held during June 20–23, 2009 at Hefei University of Technology, Hefei, Anhui, China, continued to provide a focused forum on current trends in research on algorithmics, including discrete structures, and their applications. We aim at stimulating the various fields for which algorithmics can become a crucial enabler, and to strengthen the ties between the Eastern and Western algorithmics research communities as well as theory and practice of algorithmics.

We had three distinguished invited speakers: Guoliang Chen, Andrew Chi-Chih Yao and Frances Foong Yao, speaking on parallel computing, communication complexity and applications, and computer and network power management.

The final program also included 33 peer-reviewed papers selected out of 87 contributed submissions, covering topics including approximation and online algorithms; computational geometry; graph theory and graph algorithms; games and applications; heuristics; large-scale data mining; machine learning; pattern recognition algorithms; and parameterized algorithms.

April 2009

Xiaotie Deng
John Hopcroft
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