

Topic 15

Mobile Computing

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Topic Chairs

The rapid growth of small, portable and powerful computing devices along with wireless, mobile and sensor communication technologies offers tremendous opportunities for wireless networking and mobile/pervasive computing applications and services. This topic of the EUROPAR 2004 conference aims at bringing together computer scientists and engineers from academics and industry working in these exciting areas, and share their ideas and results with their peers.

The response to the call for papers was very good, attracting 22 papers from nine countries. Each paper was reviewed by three independent referees. After careful discussions on the reviews and judging the originality and the suitability of the topics, the topic chairs selected only 6 high quality papers for presentation at the conference. We sincerely thank all the reviewers for their help and timely reviews, as well as all the authors for submitting their fine work for consideration.

The accepted papers deals with cutting-edge research in various aspects of mobile computing systems including algorithmic issues, end-to-end protocols, multimedia applications and service-based architectures in mobile wireless systems, ad hoc and sensor networks, and wireless LANs.