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   Nota di contenuto   Keynote Speech -- Tutorial -- Session 1A: Cluster Systems and
                       Applications -- Session 1B: Performance Evaluation and Measurements
                       -- Session 1C: Distributed Algorithms and Systems -- Session 1D: Fault
                       Tolerance and Reliability -- Session 2A: High-Performance Computing
                       and Architecture I -- Session 2B: Parallel Algorithms and Systems I --
                       Session 2C: Network Routing and Communication Algorithms I --
                       Session 2D: Security Algorithms and Systems I -- Session 3A: High-
                       Performance Computing and Architecture II -- Session 3B: Parallel
                       Algorithms and Systems II -- Session 3C: Network Routing and
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Systems II -- Session 4A: Grid Applications and Systems -- Session 4B: Database Applications and Data Mining -- Session 4C: Distributed Processing and Architecture -- Session 4D: Sensor Networks and Protocols -- Session 5A: Peer-to-Peer Algorithms and Systems I -- Session 5B: Internet Computing and Web Technologies I -- Session 5C: Network Protocols and Switching I -- Session 5D: Ad Hoc and Wireless Networks I -- Session 6A: Peer-to-Peer Algorithms and Systems II -- Session 6B: Internet Computing and Web Technologies II -- Session 6C: Network Protocols and Switching II -- Session 6D: Ad Hoc and Wireless Networks II.

| Sommario/riassunto | Welcome to the proceedings of ISPA 2005 which was held in the city of Nanjing. Parallel computing has become a mainstream research area in computer science and the ISPA conference has become one of the premier forums for the presentation of new and exciting research on all aspects of parallel computing. We are pleased to present the proceedings for the 3rd International Symposium on Parallel and Distributed Processing and Applications (ISPA 2005), which comprises a collection of excellent technical papers, and keynote speeches. The papers accepted cover a wide range of exciting topics, including architectures, software, networking, and applications. The conference continues to grow and this year a record total of 968 manuscripts (including workshop submissions) were submitted for consideration by the Program Committee or workshops. From the 645 papers submitted to the main conference, the Program Committee selected only 90 long papers and 19 short papers in the program. Eight workshops complemented the outstanding paper sessions. |