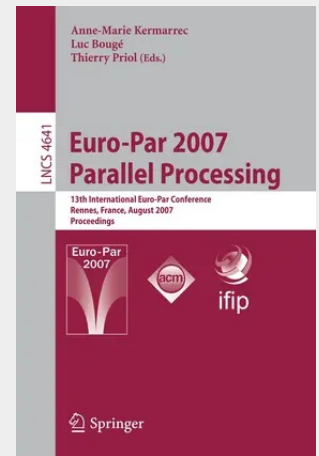


Euro-Par 2007 Parallel Processing

13th International Euro-Par Conference, Rennes, France, August 28-31, 2007, Proceedings

This volume constitutes the refereed proceedings of the 13th International Conference on Parallel Computing. The papers are organized into topical sections covering support tools and environments, performance prediction and evaluation, scheduling and load balancing, compilers for high performance, parallel and distributed databases, grid and cluster computing, peer-to-peer computing, distributed systems and algorithms, and more.

Euro-Par is an annual series of international conferences dedicated to the promotion and advancement of all aspects of parallel and distributed computing. The major themes can be divided into the broad categories of hardware, software, algorithms and applications for parallel and distributed computing. The objective of Euro-Par is to provide a forum to promote the development of parallel computing both as an industrial technique and an academic discipline, extending the frontier of both the state of the art and the state of the practice. This is particularly important at a time when parallel and distributed computing is undergoing strong and sustained development and experiencing real industrial take-up. The main audience for, and participants in, Euro-Par are researchers in academic departments, government laboratories and industrial organizations. Euro-Par's objective is to be the primary choice of such professionals for the presentation of new results in their specific fields of expertise. Euro-Par is also interested in applications that demonstrate the effectiveness of the main Euro-Par themes. Previous Euro-Par conferences took place in Stockholm, Lyon, Passau, Southampton, Toulouse, Munich, Manchester, Paderborn, Klagenfurt, Pisa, Lisbon and Dresden. The next conference will take place in Las Palmas de Gran Canaria (Canary Islands, Spain), organized by colleagues of the University of Barcelona (UAB) and the University of Las Palmas de Gran Canaria (ULPGC). The Euro-Par conference series is traditionally organized in cooperation with the International Federation for Information Processing (IFIP) and the Association for Computer Machinery (ACM). Euro-Par has a permanent Web site where its history and organization are described: <http://www.europar.org/>.



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