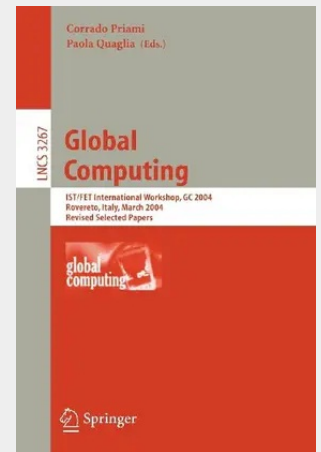


Global Computing

IST/FET International Workshop, GC 2004, Rovereto, Italy, March 9-12, 2004, Revised Selected Papers

This volume collects revised versions of some of the papers presented at the 9th IST/FET International Workshop on Global Computing held in Rovereto, Italy (9–12 March, 2004). The workshop involved all the thirteen projects funded under the IST/FET proactive initiative on GLOBAL COMPUTING: AGILE; CRESCCO; DART; DBGLOBE; DEGAS; FLAGS; MIKADO; MRG; MYTHS; PEPITO; PROFUN- DIS; SECURE; SOCS. The first aim of the GLOBAL COMPUTING initiative is the development of paradigms for building flexible, dependable, secure, robust and efficient systems. Primary research concerns are the co-ordination, interaction, security, reliability, robustness, and risk control of the entities in the global system. The ultimate goal of the research action is to provide a solid scientific foundation for the design of such systems, and to lay the groundwork for achieving effective principles for building and analysing them. The workshop covered topics related to programming environments, dynamic reconfiguration, resource guarantees, peer-to-peer networks, analysis of systems and resources, resource sharing, and security, as well as foundational calculi for mobility. The present collection offers a rich sample of research results on the above subjects. We acknowledge the Dipartimento di Informatica e Telecomunicazioni of the University of Trento for partially funding the workshop, and the Events and Meetings Office of the University of Trento for the valuable collaboration.

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