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Nota di contenuto	A distributed numerical/simulative algorithm for the analysis of large continuous time Markov chains,"P. -- Conservative synchronization in object-oriented parallel battlefield discrete event simulations,"J. -- Dynamic load balancing strategies for conservative parallel simulations,"A. -- Asynchronous parallel algorithms for test set partitioned fault simulation,"D. -- Performance modeling of the IDES framework,"D. -- A multidimensional study on the feasibility of parallel switch-level circuit simulation,"Yu-An -- The threshold of event simultaneity,"F. -- Distributed simulation of spatially explicit ecological models,"K. -- A new approach for partitioning VLSI circuits on transistor level,"N. -- State saving for interactive optimistic simulation,"S. -- SQTW: a mechanism for state-dependent parallel simulation. Description and experimental study,"A. -- Optimistic distributed simulation based on transitive dependency tracking,"O. -- Timestamp representations for virtual sequences,"J. -- Adaptive flow control in Time Warp,"K. -- Speculative parallel simulation with an adaptive throttle scheme,"Seng -- Breadth-first rollback in spatially explicit simulations,"E. -- Using agents for simulating and implementing Petri nets,"T. -- Tolerant synchronization for distributed simulations of interconnected computer networks,"P. -- Performance of a conservative simulator of ATM networks,"J. -- Hierarchical modeling and distributed simulation with HIT,"A. -- MRE: a flexible approach to multi-resolution modeling,"A. -- Billiards and related systems on the bulk-synchronous

parallel model,"M. -- A workstation-based parallel direct-execution simulator,"P. -- Dag consistent parallel simulation: a predictable and robust conservative algorithm,"Wentong -- Stack-free process-oriented simulation,"C. -- The dark side of risk (what your mother never told you about Time Warp),"D.

Sommario/riassunto

Proceedings of the June 1997 workshop include 26 papers as well as two keynote presentations by well-known researchers David Nicol (PDES: So who cares?) and Georg Pflug (sensitivity analysis for discrete event systems). Other topics include dynamic load balancing strategies for conservative parallel simulations; performance modeling of the IDES framework; distributed simulation of spatially explicit ecological models; state saving for interactive optimistic simulation; timestamp representations for virtual sequences; adaptive flow control in time warp; using agents for simulating and implementing petri nets; and a workstation-based parallel direct-execution simulation. No index. Annotation copyrighted by Book News, Inc., Portland, OR.
