Fraigniaud

Distributed Computing

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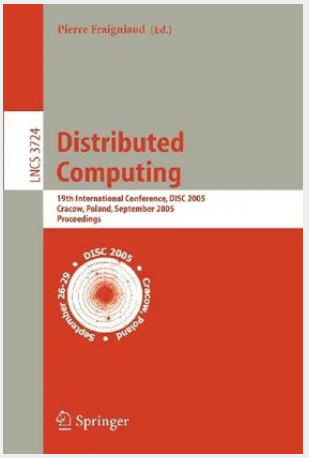
Invited Talks.- Digital Fountains and Their Application to Informed Content Delivery over Adaptive Overlay Networks.- Securing the Net: Challenges, Failures and Directions.- Regular Papers.- Coterie Availability in Sites.- Keeping Denial-of-Service Attackers in the Dark.- On Conspiracies and Hyperfairness in Distributed Computing.- On the Availability of Non-strict Quorum Systems.- Musical Benches.- Obstruction-Free Algorithms Can Be Practically Wait-Free.- Efficient Reduction for Wait-Free Termination Detection in a Crash-Prone Distributed System.- Non-blocking Hashtables with Open Addressing.- Computing with Reads and Writes in the Absence of Step Contention.- Restricted Stack Implementations.- Proving Atomicity: An Assertional Approach.- Time and Space Lower Bounds for Implementations Using k-CAS.- (Almost) All Objects Are Universal in Message Passing Systems.- ? Meets Paxos: Leader Election and Stability Without Eventual Timely Links.- Plausible Clocks with Bounded Inaccuracy.- Causing Communication Closure: Safe Program Composition with Non-FIFO Channels.- What Can Be Implemented Anonymously?.- Waking Up Anonymous Ad Hoc Radio Networks.- Fast Deterministic Distributed Maximal Independent Set Computation on Growth-Bounded Graphs.- Distributed Computing with Imperfect Randomness.- Polymorphic Contention Management.- Distributed Transactional Memory for Metric-Space Networks.- Concise Version Vectors in WinFS.- Adaptive Software Transactional Memory.- Optimistic Generic Broadcast.- Space and Step Complexity Efficient Adaptive Collect.- Observing Locally Self-stabilization in a Probabilistic Way.- Asymptotically Optimal Solutions for Small World Graphs.- Deciding Stability in Packet-Switched FIFO Networks Under the Adversarial Queuing Model in Polynomial Time,.-Compact Routing for Graphs Excluding a Fixed Minor.- General Compact Labeling Schemes for Dynamic Trees.- The Dynamic And-Or Quorum System.- Brief Announcements.- Byzantine Clients Rendered Harmless.- Reliably Executing Tasks in the Presence of Malicious Processors.- Obstruction-Free Step Complexity: Lock-Free DCAS as an Example.- Communication-Efficient Implementation of Failure Detector Classes and .- Optimal Resilience for Erasure-Coded Byzantine Distributed Storage.- Agreement Among Unacquainted Byzantine Generals.- Subscription Propagation and Content-Based Routing with Delivery Guarantees.- Asynchronous Verifiable Information Dispersal.- Towards a Theory of Self-organization.- Timing Games and Shared Memory.- A Lightweight Group Mutual k-Exclusion Algorithm Using Bi-k-Arbiters.- Could any Graph be Turned into a Small-World?.- Papillon: Greedy Routing in Rings.- An Efficient Long-Lived Adaptive Collect Algorithm.



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