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Nota di contenuto	Keynote -- On Distributed Computing: A View, Physical vs Logical Objects, and a Look at Fully Anonymous Systems -- Invited Papers -- Invited Paper: A Survey of the Impact of Knowledge on the Competitive -- Ratio in Linear Search -- Invited Paper: Gathering Oblivious Robots in the Plane -- Invited Paper: The Smart Contract Model -- Invited Paper: Using signed formulas for online certification -- Papers -- Optimal Asynchronous Perpetual Grid Exploration -- Gathering of Robots in Butterfly Networks -- Brief Announcement: Pebble Guided

Rendezvous Despite Fault -- Complete Graph Identification in Population Protocols -- Efficient Self-stabilizing Simulations of Energy-Restricted Mobile Robots by Asynchronous Luminous Mobile Robots -- Brief Announcement: Perpetual Exploration of Triangular Grid by Myopic Oblivious Robots without Chirality -- An optimal algorithm for geodesic mutual visibility on hexagonal grids -- Coating in SILBOT with One Axis Agreement -- Rendezvous and Merging for Two Metamorphic Robotic Systems without Global Compass -- Gathering Semi-Synchronously Scheduled Two-State Robots -- Selective Population Protocols -- Partially Disjoint Shortest Paths and Near-Shortest Paths Trees -- Brief Announcement: Towards Proportionate Fair Assignment -- BlindexTEE: A Blind Index Approach towards TEE-supported End-to-end Encrypted DBMS -- Tight Bounds for Constant-Round Domination on Graphs of High Girth and Low Expansion -- Adding All Flavors: A Hybrid Random Number Generator for dApps and Web3 -- SUPI-Rear: Privacy-Preserving Subscription Permanent Identification Strategy in 5G-AKA -- Anomaly Detection Within Mission-Critical Call Processing -- Brief Announcement: Make Master Private-Keys Secure by Keeping it Public -- Selection Guidelines for Geographical SMR Protocols: A Communication Pattern-based Latency Modeling Approach -- Byzantine Reliable Broadcast with One Trusted Monotonic Counter -- Brief Announcement: On the Feasibility of Local Failover Routing on Directed Graphs -- TRAIL: Cross-Shard Validation for Byzantine Shard Protection -- Softening the Impact of Collisions in Contention Resolution -- Generating the Convergence Stairs of the Collatz Program -- Consensus Through Knot Discovery in Asynchronous Dynamic Networks -- A Self-Stabilizing Algorithm for the 1-Minimal Minus Domination Problem -- Brief Announcement: A Self-* and Persistent Hub Sampling Service.

Sommario/riassunto

This book constitutes the proceedings of the 26th International Symposium on Stabilization, Safety, and Security of Distributed Systems, SSS 2024, held in Nagoya, Japan, during October 20-22, 2024. The 22 full and 4 invited papers as well as 6 short papers included in this book were carefully reviewed and selected from 69 submissions. They deal with the design and development of distributed systems with a focus on systems that are able to provide guarantees on their structure, performance, and/or security in the face of an adverse operational environment. The book also includes one invited talk in full paper length. .