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| Collana | Computer Communication Networks and Telecommunications, , 2945-9184 ; ; 11534 |
| Disciplina | 004.36 |
| Soggetti | Computer networks Computers, Special purpose Cryptography Data encryption (Computer science) Data protection Computers Computer Communication Networks Special Purpose and Application-Based Systems Cryptology Data and Information Security Computing Milieux |
| Lingua di pubblicazione | Inglese |
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| Nota di contenuto | Syncpal: A Simple and Iterative Reconciliation Algorithm for File Synchronizers -- Check-Wait-Pounce: Increasing Transactional Data Structure Throughput by Delaying Transactions -- Putting Order in Strong Eventual Consistency -- Composable Actor Behaviour -- Gossip Learning as a Decentralized Alternative to Federated Learning -- Using Trusted Execution Environments for Secure Stream Processing of Medical Data -- Stunner: A Smart Phone Trace for Developing Decentralized Edge Systems -- FOUGERE: User-Centric Location Privacy |

in Mobile Crowdsourcing Apps -- On The Performance of ARM TrustZone -- CapBAC in Hyperledger Sawtooth -- Developing Secure Services for IoT with OP-TEE: A First Look at Performance and Usability.

Sommario/riassunto

This book constitutes the proceedings of the 19th IFIP International Conference on Distributed Applications and Interoperable Systems, DAIS 2019, held in Kongens Lyngby, Denmark, in June 2019, as part of the 14th International Federated Conference on Distributed Computing Techniques, DisCoTec 2019. The 9 full papers presented together with 2 short papers were carefully reviewed and selected from 28 submissions. The papers addressed challenges in multiple application areas, such as the Internet-of-Things, cloud and edge computing, and mobile systems. Some papers focused on middleware for managing concurrency and consistency in distributed systems, including data replication and transactions.
