

1 Verification and Checking

- Verdi: A Framework for Implementing and Formally Verifying Distributed Systems [12]
- Teaching Rigorous Distributed Systems with Efficient Model Checking [8]
- A Generalised Solution to Distributed Consensus [2]

2 Consensus

- SDPaxos: Building Efficient Semi-Decentralized Geo-replicated State Machines [13]
- Mencius: building efficient replicated state machines for WANs [7]
- Fast Paxos [5]
- Generalized Consensus and Paxos [4]
- MDCC: Multi-Data Center Consistency [3]
- On the correctness of Egalitarian Paxos [10]
- There Is More Consensus in Egalitarian Paxos [9]
- The FuzzyLog: A Partially Ordered Shared Log [6]

3 Databases and Implementations

- Spanner: Google’s Globally-Distributed Database [1]
- Calvin: fast distributed transactions for partitioned database systems [11]

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