Sui-Related Research Papers

This document contains a list of research papers that are relevant to Sui and have been co-authored by at least one member of the team. Some of the ideas of these papers are currently being integrated into Sui, others are in our roadmap, and others are not in our roadmap but could be integrated in the future. Start with the [Sui Smart Contract Platform](#) white paper, which contains our latest design inspired by previous works below.

Latest

Mysticeti: Reaching the Limits of Latency with Uncertified DAGs

Sui Lutris: A Blockchain Combining Broadcast and Consensus

zkLogin: Privacy-Preserving Blockchain Authentication with Existing Credentials

Be Aware of Your Leaders

Bullshark: DAG BFT Protocols Made Practical

FastPay: High-Performance Byzantine Fault Tolerant Settlement

HammerHead: Score-based Dynamic Leader Selection

Narwhal and Tusk: A DAG-based Mempool and Efficient BFT Consensus

SybilQuorum: Open Distributed Ledgers Through Trust Networks

Twins: BFT Systems Made Robust

Zef: Low-latency, Scalable, Private Payments