



BLOCKBENCH: A Framework for Analyzing Private Blockchains

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Outline

- Introduction
 - Backgrounds
 - Problem Statement
 - Related Works
- BlockBench Framework
 - System Design
 - Implementation
- Performance Benchmark
 - Macro Benchmarks
 - Micro Benchmarks
- Discussion
- Conclusion

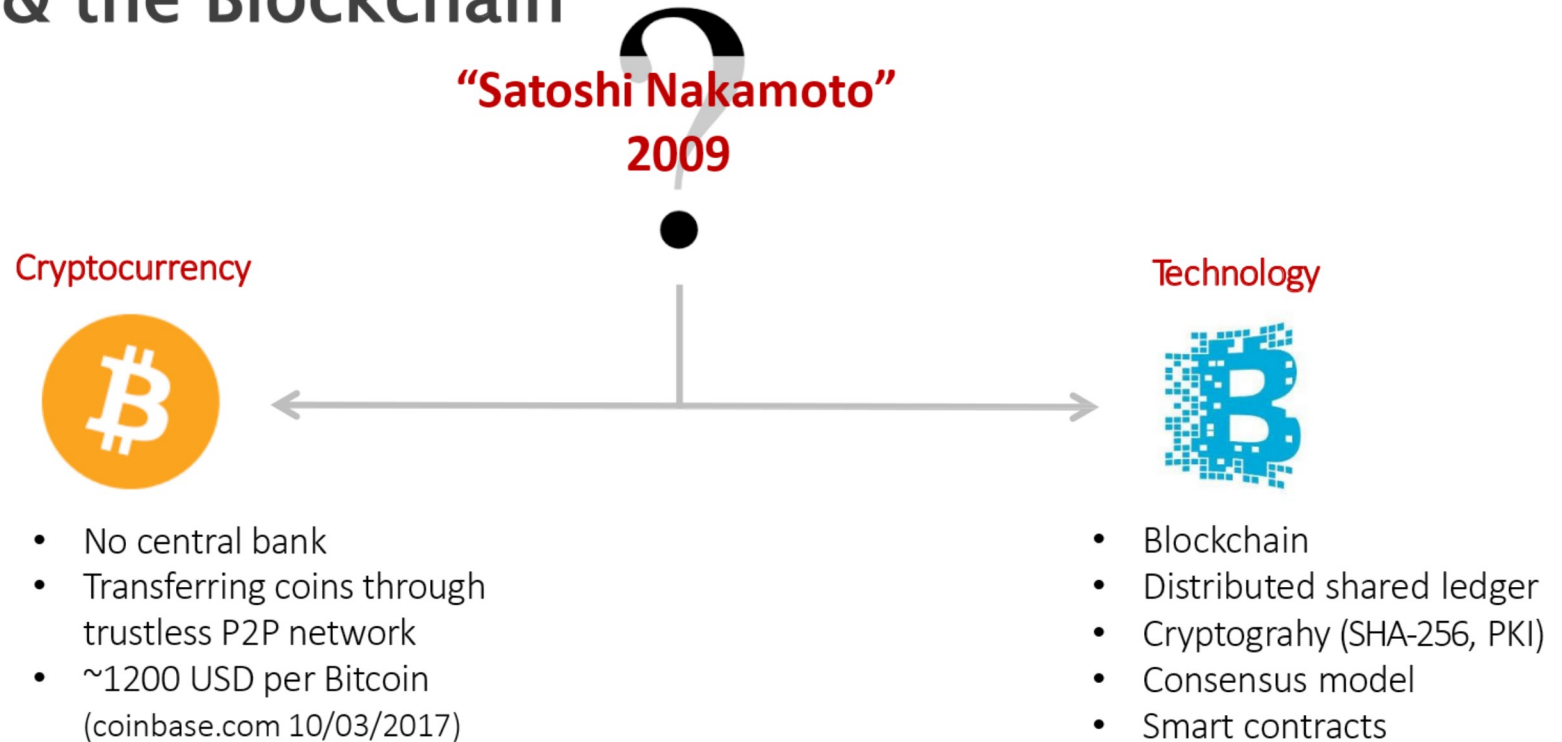
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Backgrounds

Bitcoin & the Blockchain



Backgrounds

Blockchains

Blockchains are **distributed** ledgers – or **decentralized** databases – that enable parties who do **not fully trust** each other to form and maintain **consensus** about the existence, status and evolution of a set of **shared facts**.

