Avalanche Consensus Overview

Reading List
Medium Article : [Avalanche Consensus](#)

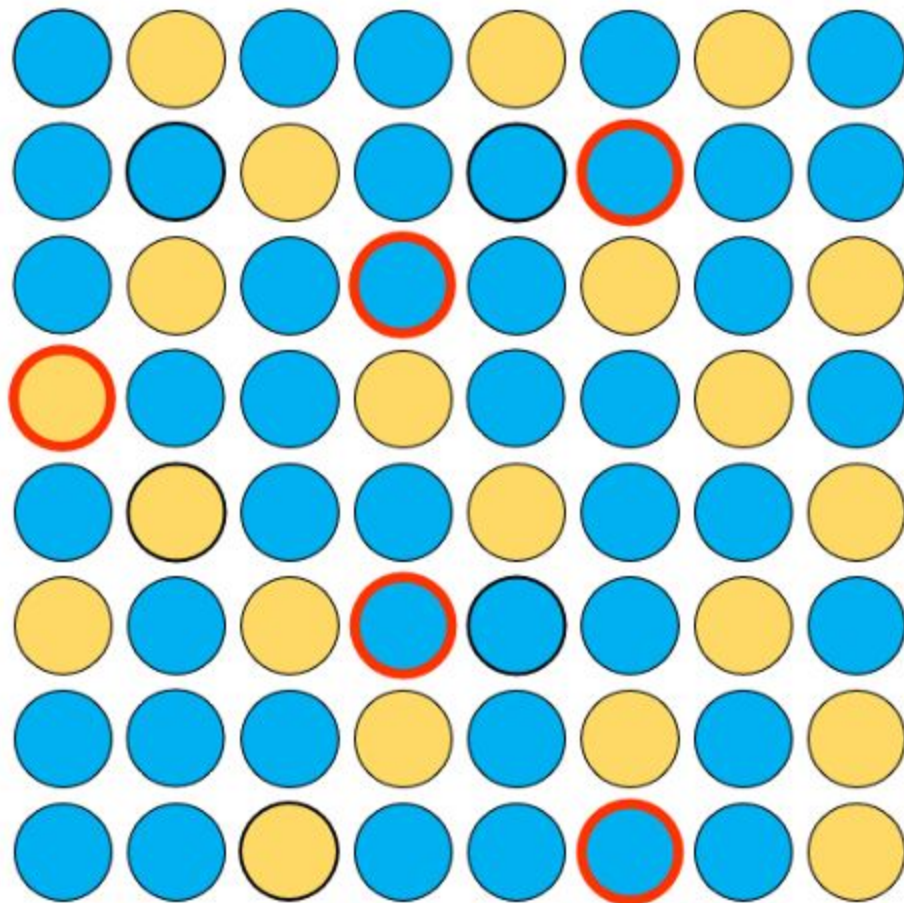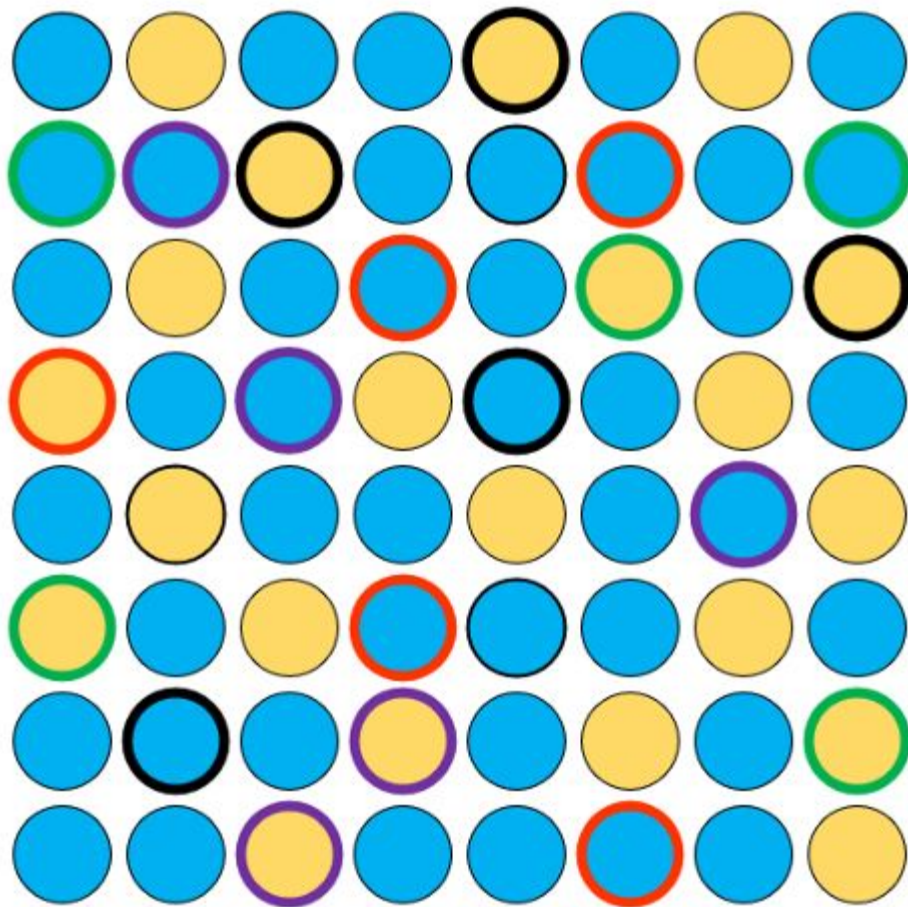White Paper : https://arxiv.org/pdf/1906.08936.pdf
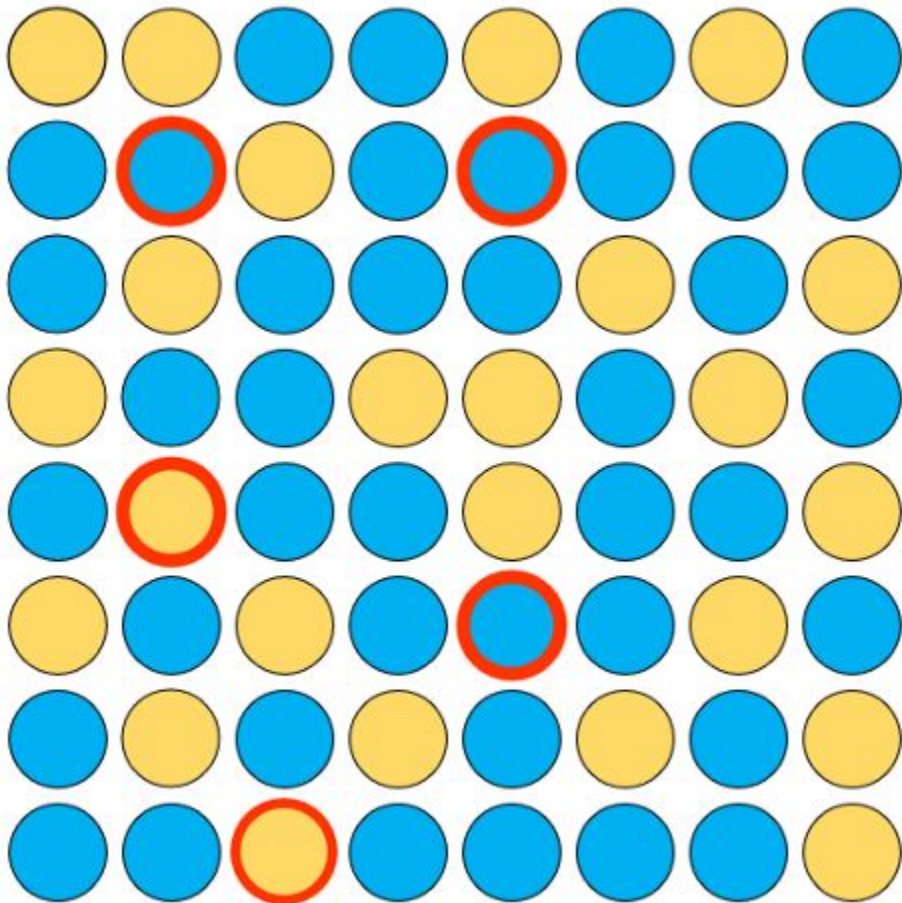
Round 1

From Avalanche Consensus

Round 2

Other nodes
simultaneously update

There are currently 2 different consensus protocols available called Snowman and Avalanche, whilst work on a third called Frosty is on the roadmap.
Snowman establishes a totally ordered timeline which is typically required for smart contracts.
Whilst Avalanche establishes a partially ordered timeline where you don't have to relate everything to everything else, enabling much higher throughput and get much better latencies and used for payments etc.