TEAM MEMBERS:

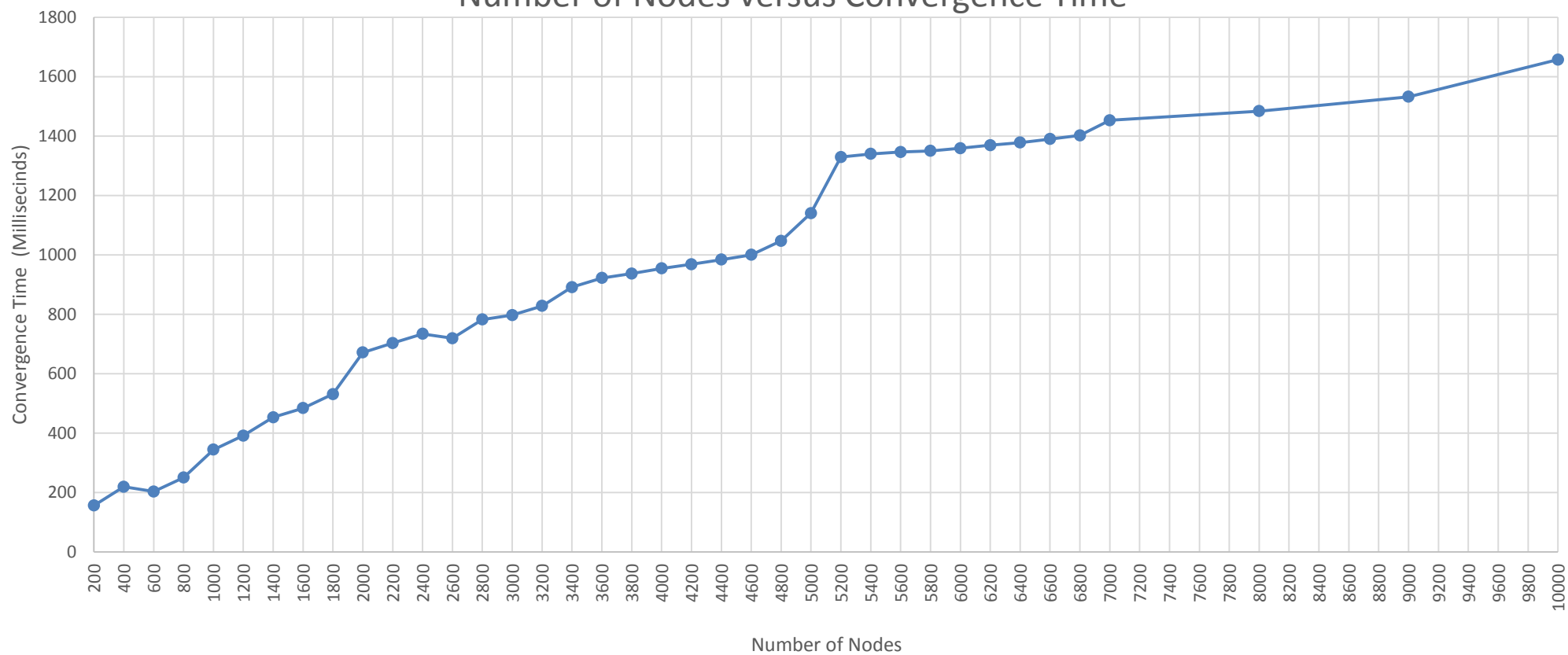| NAME	UFID
NEHA SINGH	41148924
RUCHI DESAI	75103513

ALGORITHM: Gossip

TOPOLOGY: Line

Number of Nodes versus Convergence Time
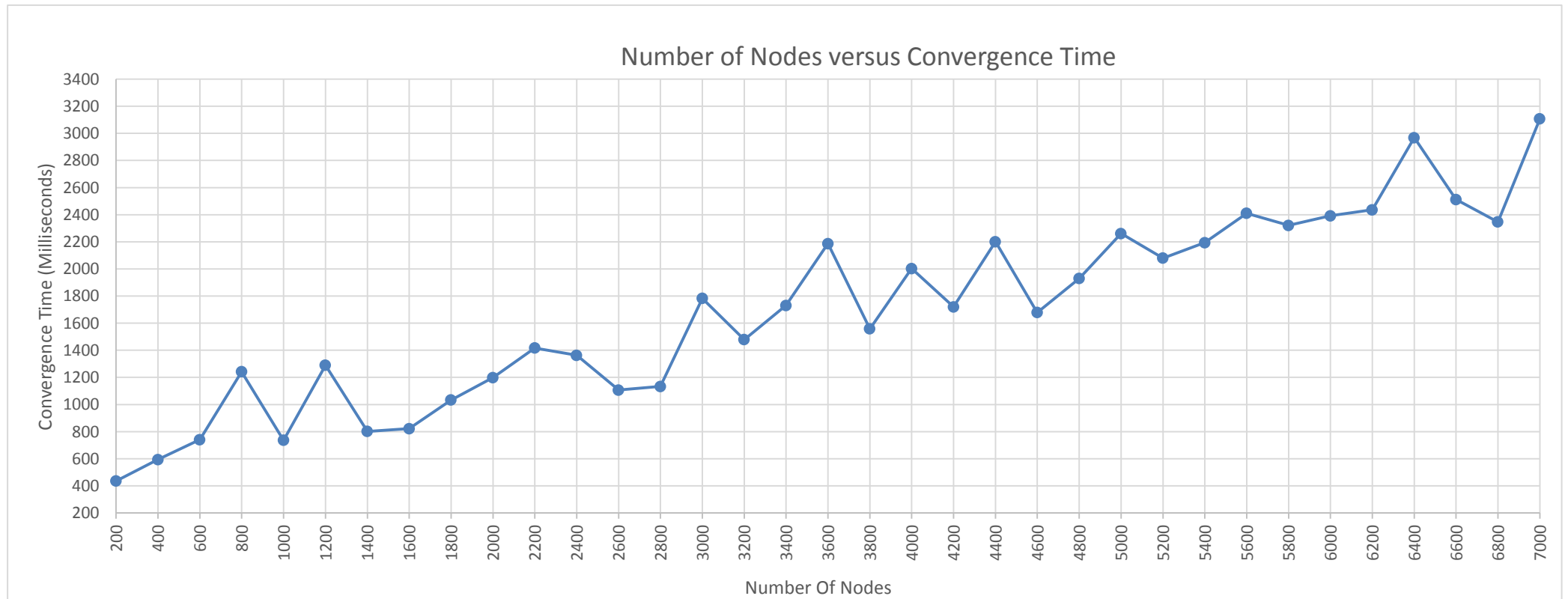
ALGORITHM: Gossip

TOPOLOGY: 2D Grid

Number of Nodes versus Convergence Time

Convergence Time (Millisecinds)

Number of Nodes

ALGORITHM: Gossip

TOPOLOGY: Imperfect 2D Grid
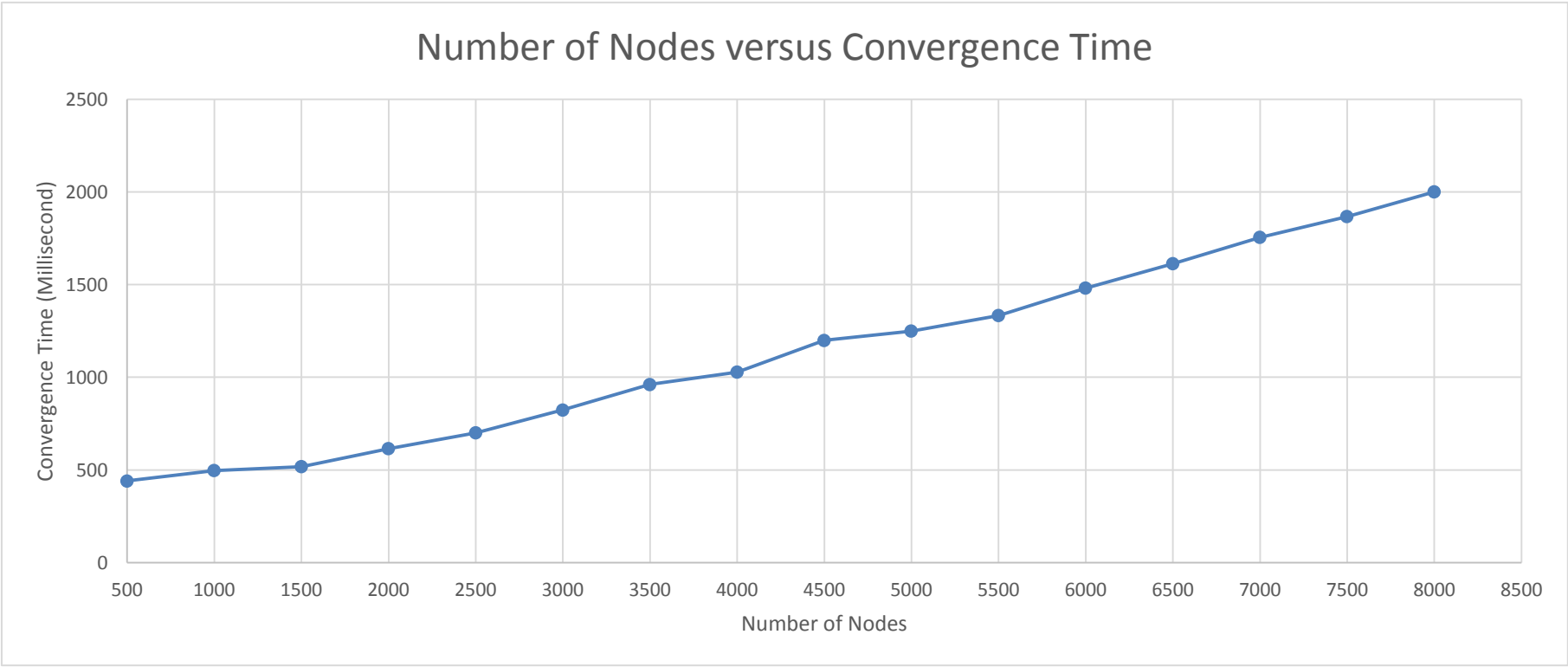
Number of Nodes versus Convergence Time

ALGORITHM: Gossip

TOPOLOGY: Full

Number of Nodes versus Convergence Time

ALGORITHM: Push-Sum

TOPOLOGY: Line

Number of Nodes versus Convergence Time
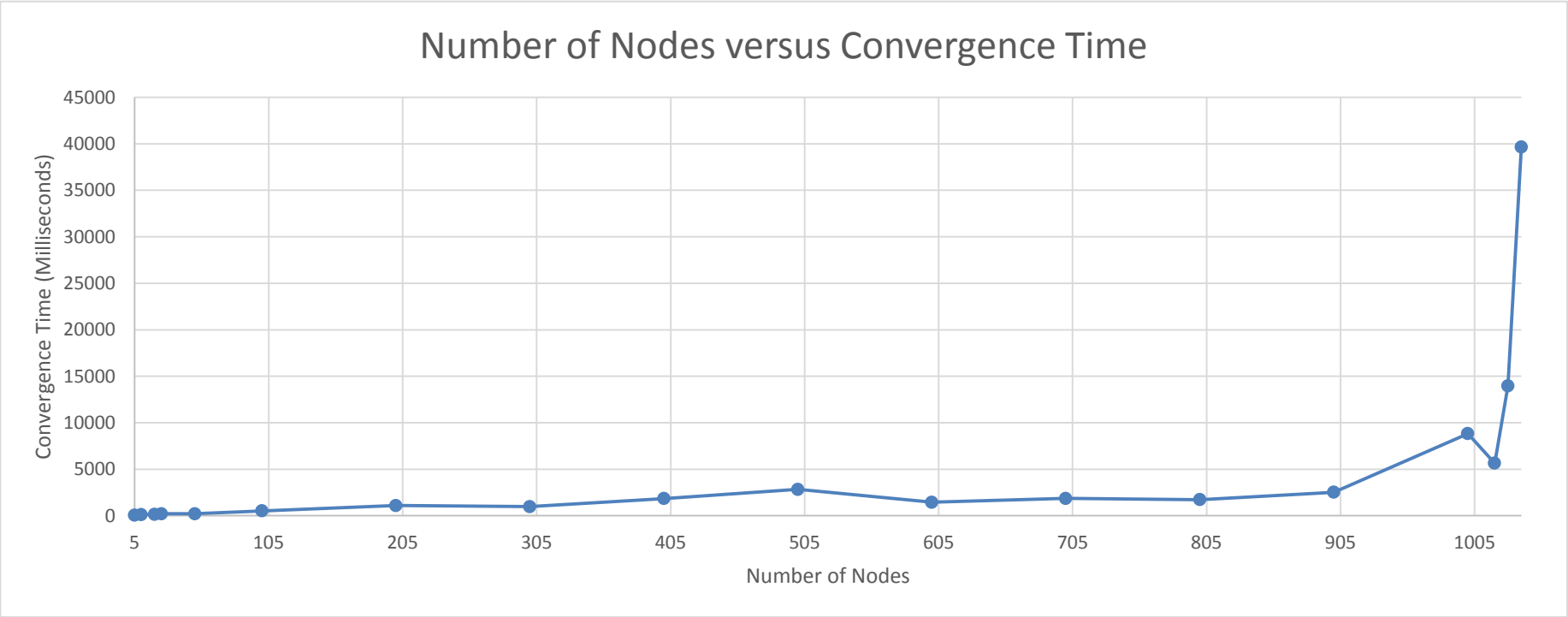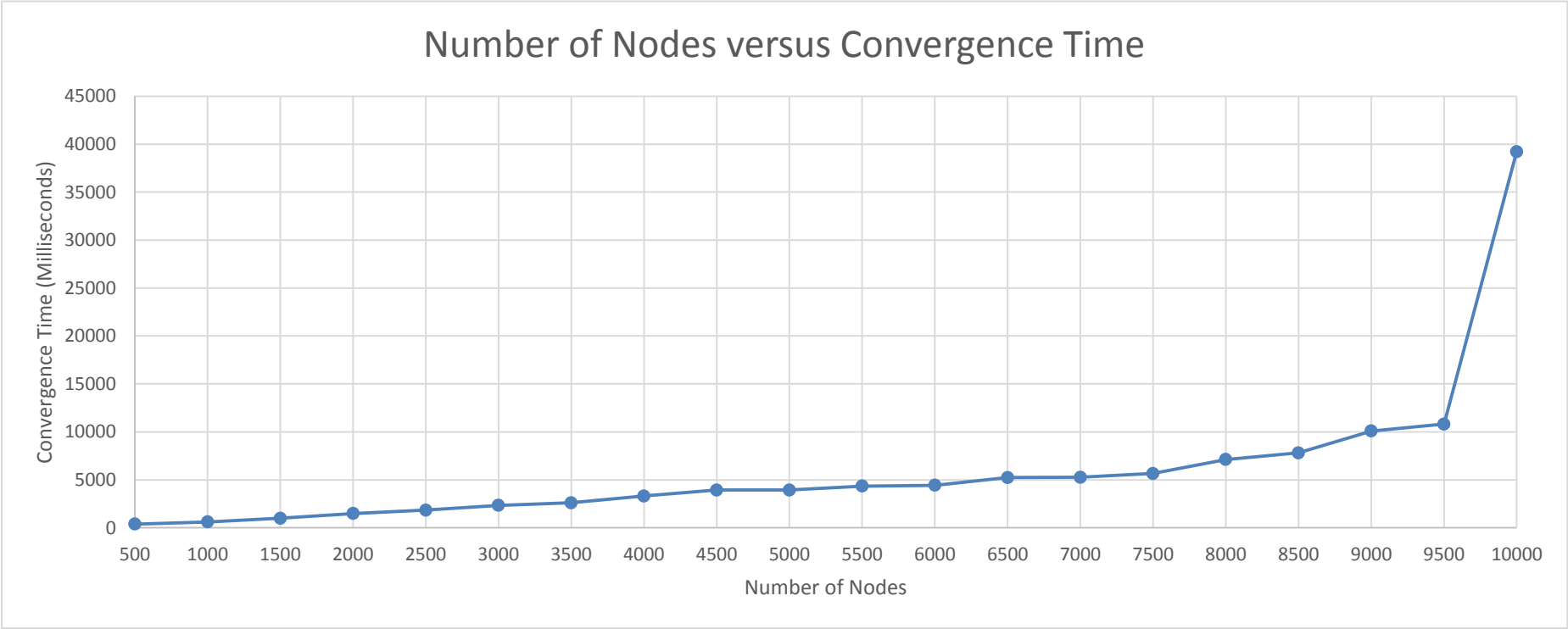
ALGORITHM: Push-Sum

TOPOLOGY: 2D Grid

Number of Nodes versus Convergence Time
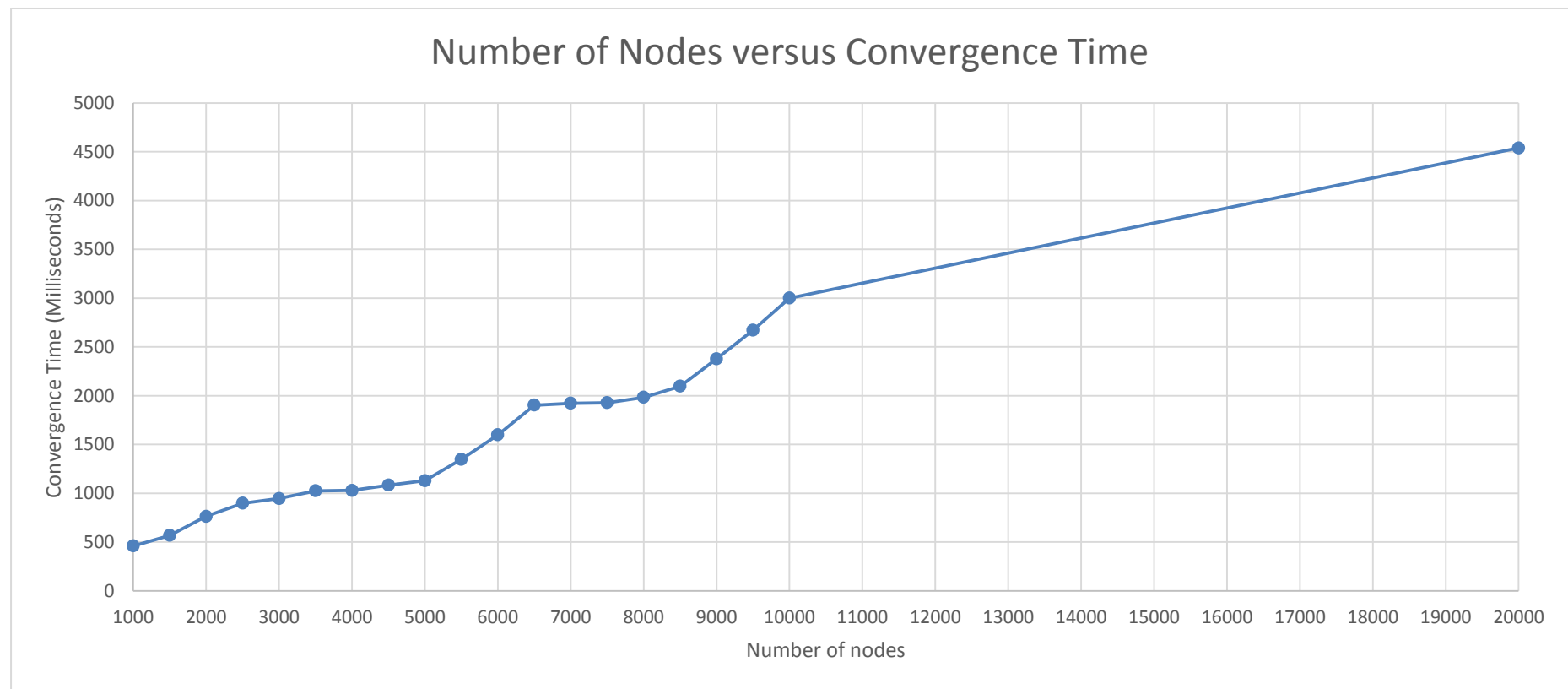
ALGORITHM: Push-Sum

TOPOLOGY: Imperfect 2D Grid

Number of Nodes versus Convergence Time

ALGORITHM: Push-Sum

TOPOLOGY: Full
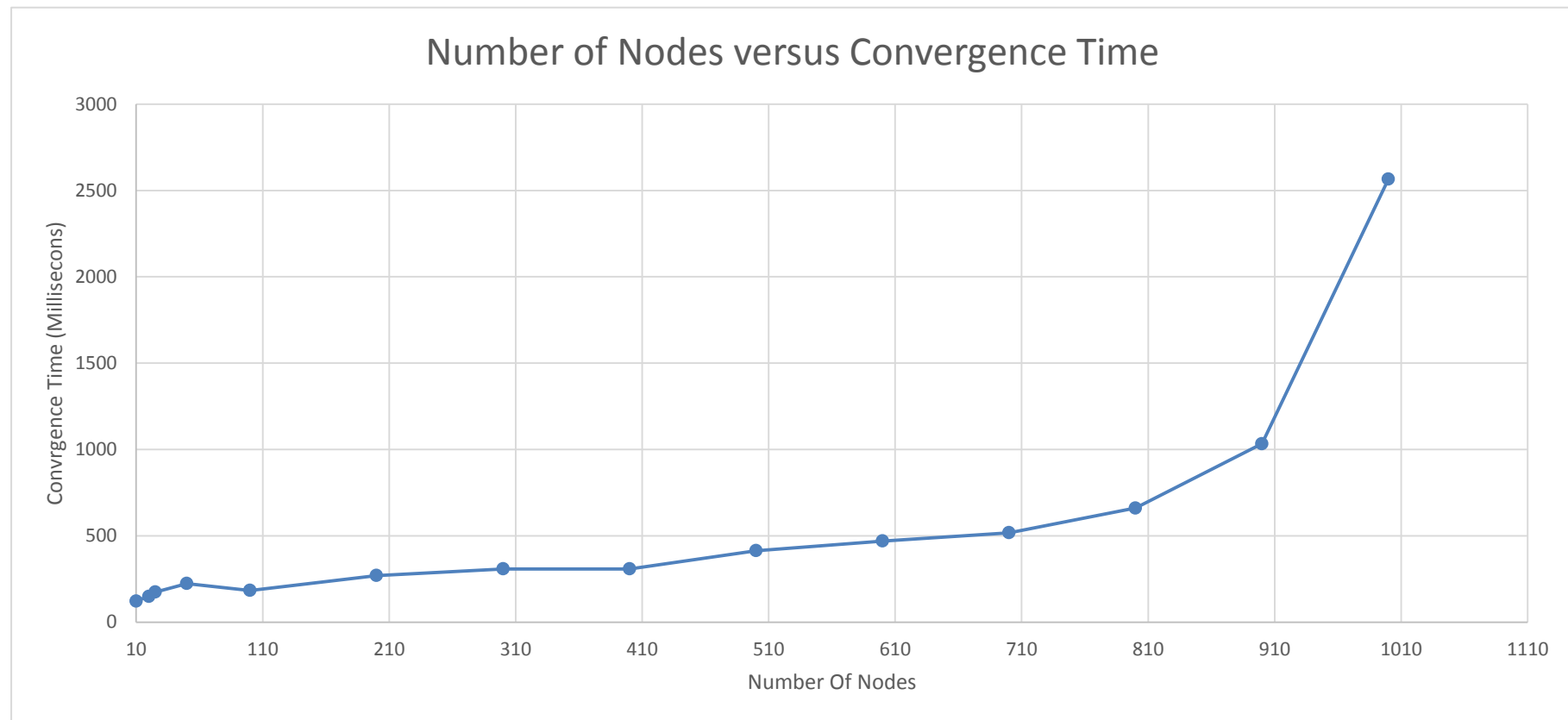
Number of Nodes versus Convergence Time
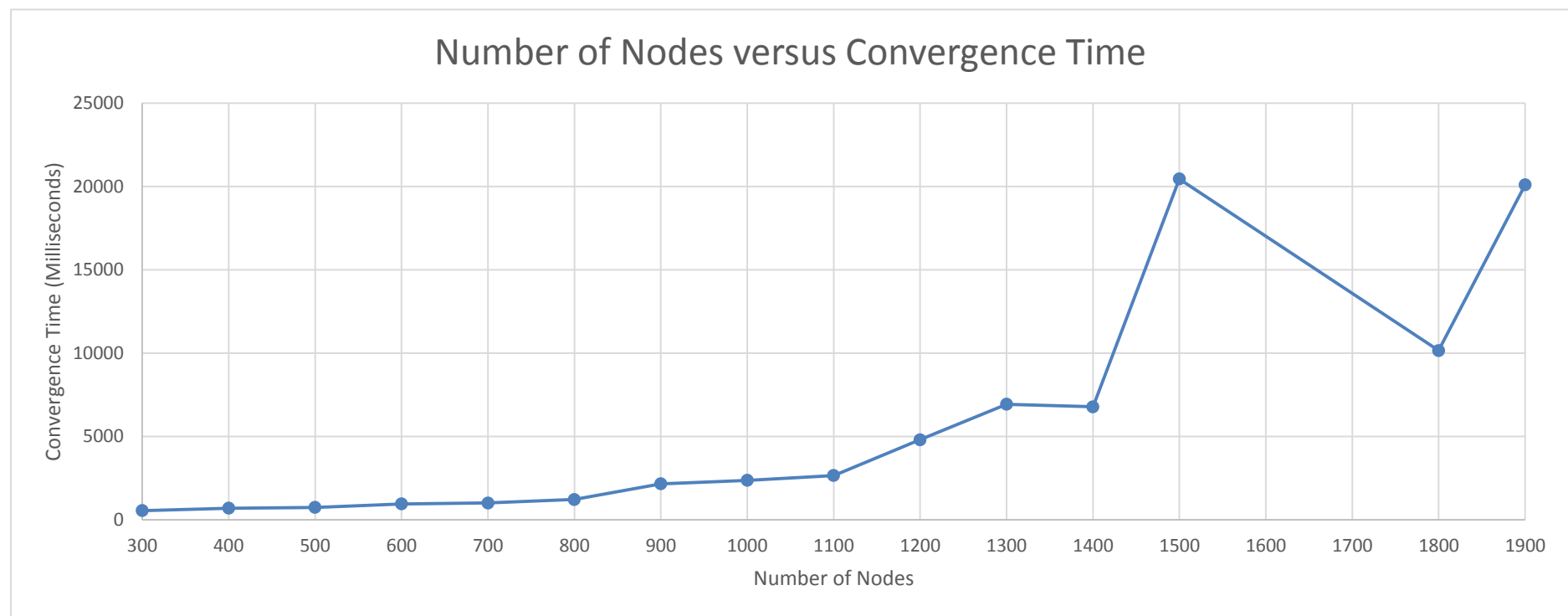
Interesting Findings:

- The convergence time for some network was deviating very much. Like for 1500 nodes it was 20000 milliseconds and for 1800 it was 10000 milliseconds.

- For certain number of nodes, the value of convergence time suddenly rises resulting in spikes in the graph.

- The program converges even if all nodes have different wake up times. The convergence time decreases if the wakeup calls are more frequent.