Yes we Can!

- Paxos invented by Leslie Lamport

- Paxos provides <u>safety</u> and <u>eventual liveness</u>
  - <u>Safety</u>: Consensus is not violated
  - <u>Eventual Liveness</u>: If things go well sometime in the future (messages, failures, etc.), there is a good chance consensus will be reached. But there is no guarantee.

- FLP result still applies: Paxos is not *guaranteed* to reach Consensus (ever, or within any bounded time)