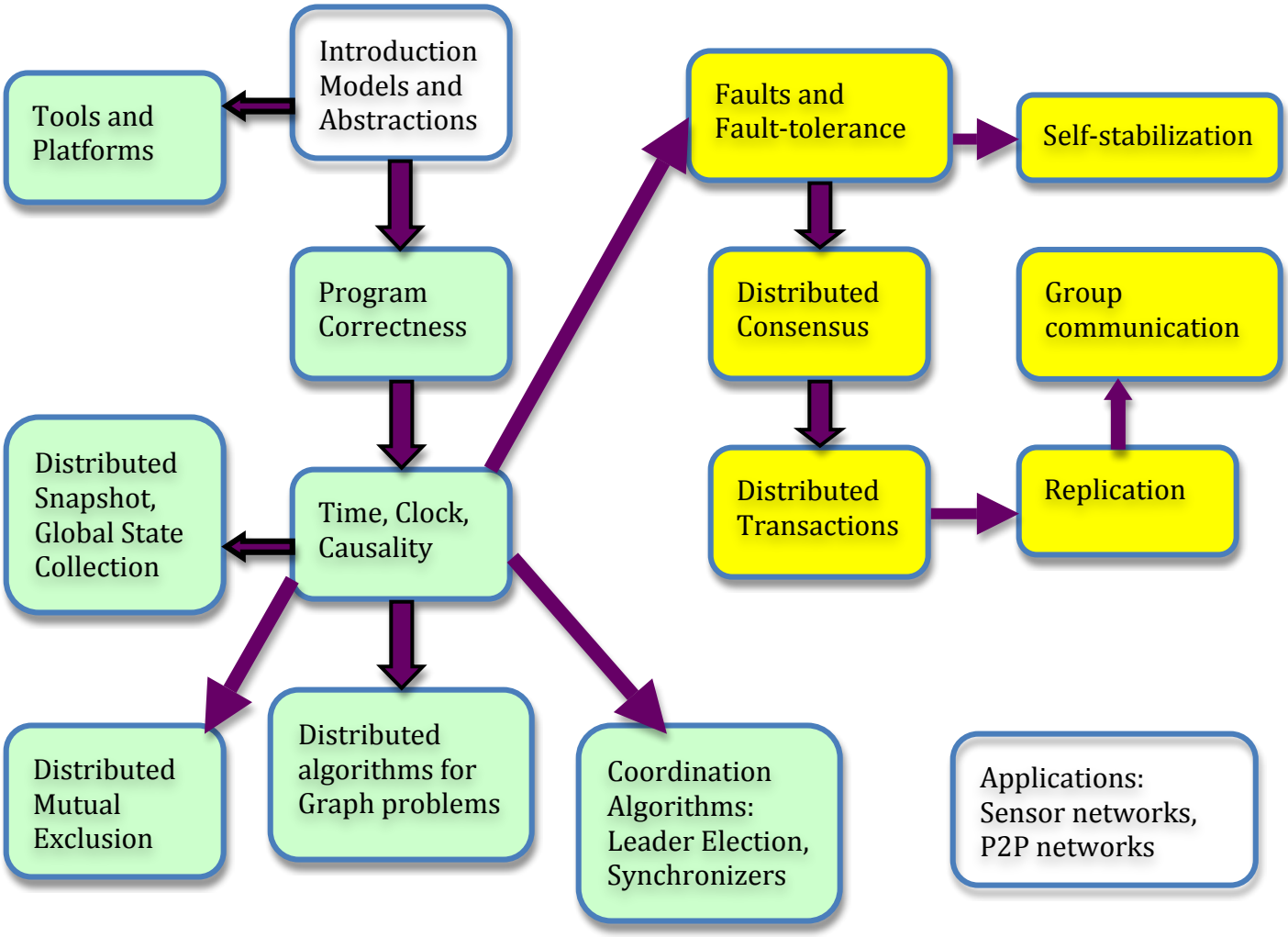
Introduction
Models and
Abstractions
Tools and
Platforms
Program
Correctness
Time, Clock,
Causality
Distributed
Snapshot,
Global State
Collection
Distributed
Mutual
Exclusion
Distributed
algorithms for
Graph problems
Coordination
Algorithms:
Leader Election,
Synchronizers
Faults and
Fault-tolerance
Self-stabilization
Distributed
Consensus
Group
communication
Distributed
Transactions
Replication
Applications:
Sensor networks,
P2P networks