

# OCT

Principles From Chapter Two of “Distributed Systems  
Concepts and Design”

Material on Lamport Clocks from “Distributed  
Systems Principles and Paradigms” by Tanenbaum  
and Steen

# System Models

- **Architectural Models**

Placement of parts and the relationships between them

Examples: client-server model

peer process model

- **Fundamental Models**

Formal description of properties that are common in the architectural models focusing on the dependability characteristics (correctness, reliability, and security)

# Main Architectural Models of DS

- Client processes
- Server processes
- Peer processes – cooperate and communicate in a symmetrical manner to perform a task