





Scheduling of Cyber-Physical System Simulation

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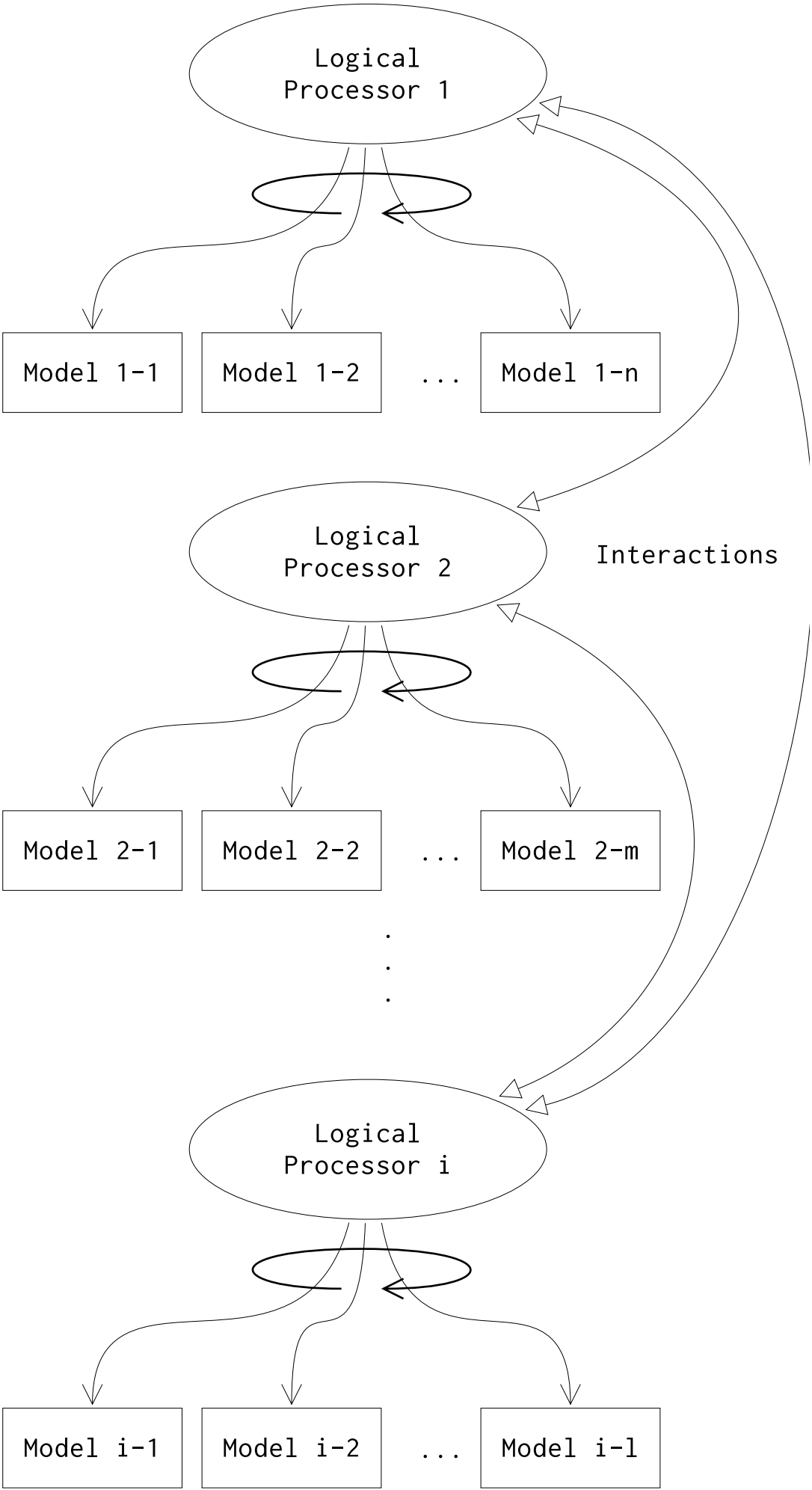


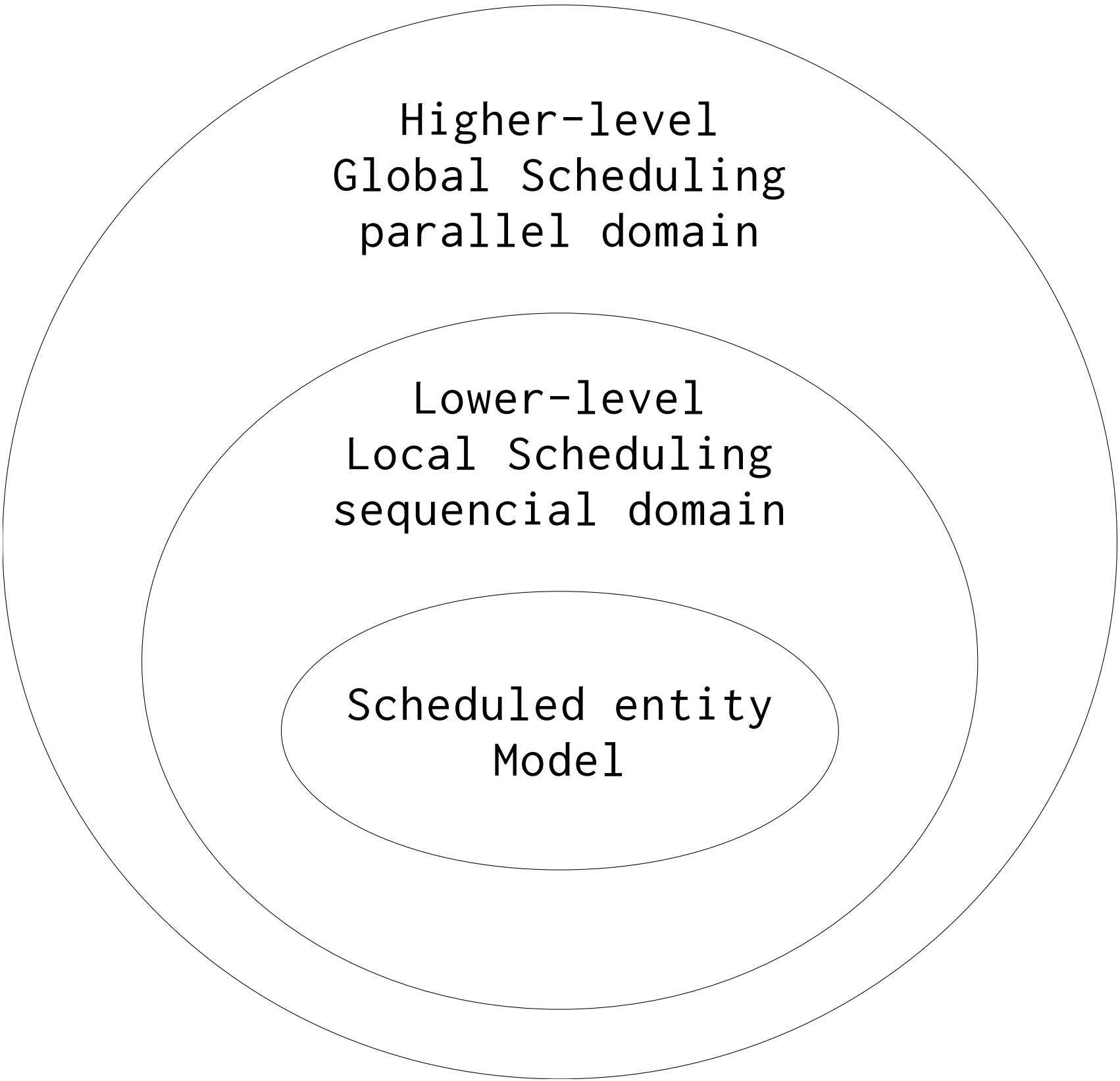
Distributed simulation

Theoretical framework









Higher-level  
Global Scheduling  
parallel domain

Lower-level  
Local Scheduling  
sequential domain

Scheduled entity  
Model

SEApplanes

# High Level Architecture standard

CERTI

Simulation Execution  
Architecture Proto-Logical  
processor Allocation Nodes  
with Extensible inline  
Scheduler

# Architcture Protocol

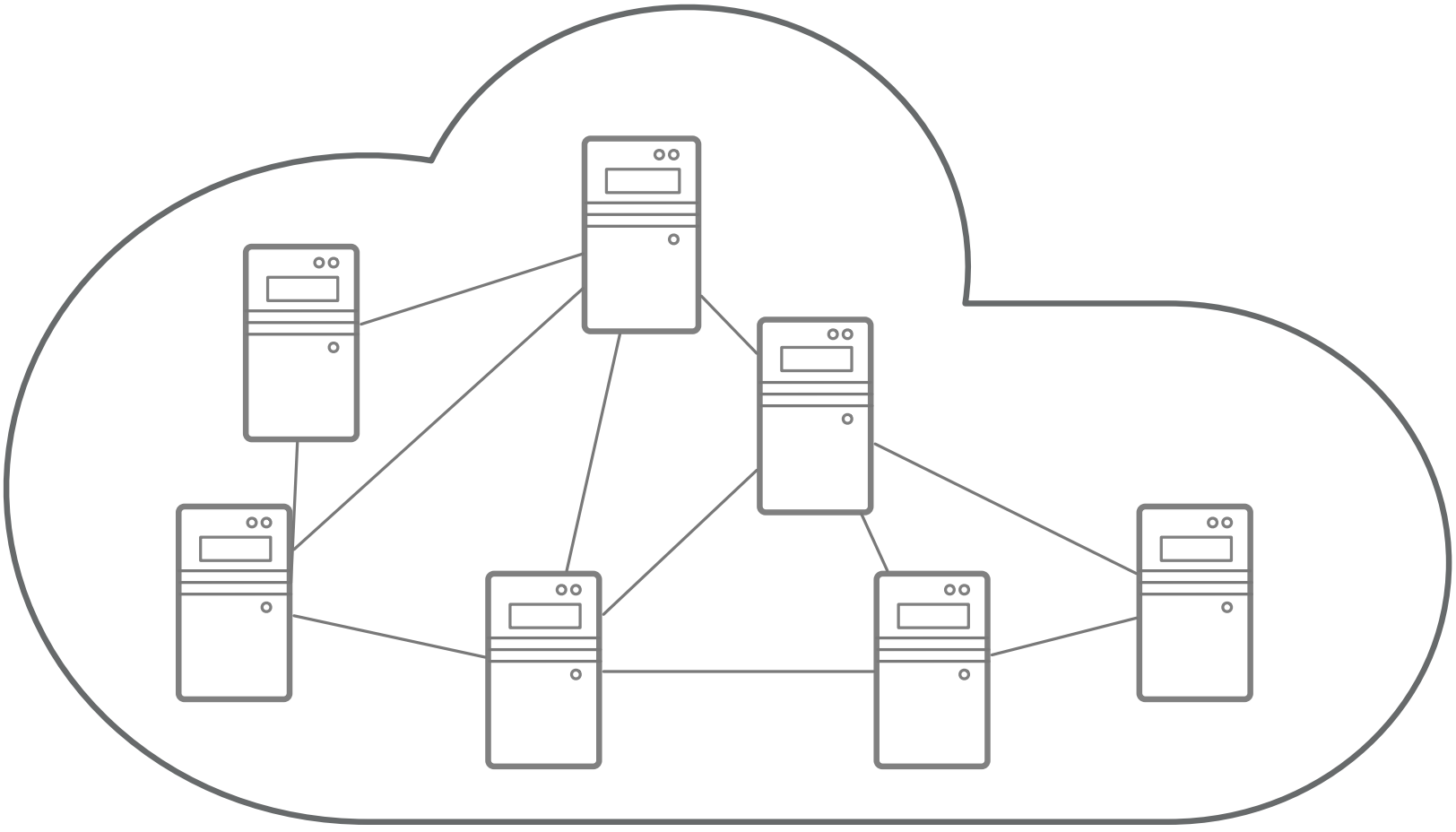
# Simulation Execution



with Extensible inline

Schneider

processor Allocation Nodes













Model A

ModelB

ModelC







Logical clock A

LogicalClockB



Logical clock CC

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