

Simulation Started Event or  
Job Finished Event Fired

Select and Pop Job  
from Job Queue

Allocate Computing Nodes

Place Processes

Compute Routing

Update Traffic  
in the Interconnect

Emit Job Started Event

Job Finished Event Fired

Update Traffic  
in the Interconnect

Deallocate Computing Nodes

Mark Job as Completed

Repeated for all Communicating  
Process Pair

