Cluster Computer Architecture

Sequential Applications

Parallel Applications

Parallel Programming Environments

Cluster Middleware

(Single System Image and Availability Infrastructure)

PC/Workstation
Comm. SW
Net. Interface HW

PC/Workstation
Comm. SW
Net. Interface HW

PC/Workstation
Comm. SW
Net. Interface HW

PC/Workstation
Comm. SW
Net. Interface HW

High Speed Network/Switch