Network Interconnect
Simulation Remote
Memory
Pool CI-PCI Local X> 3 PP-SN/CPCI Thic F/o Forward CPV Requests through Multiple ways to do. o Forward semete adopen to MIC through PCI bus. o Put the Nic on chip, no need to send through PCI. Then from Mic i we can forward it to semote memory book. Use of Switches?

O Directly forward the remote memory request using PCI from server to Remote memory pool. -> What need to be modeled? · Chip-interconnect bus -> PCI · PCI -> NIC -> Switch Memory Protocol ? Model · Chip-interconnect bus -> NIC < Remote Memory Switch

o Chip-intez Connect bus -> PCI Remote memony Memory Peroto col ? Model? => What else? o Configure-able bandwidth delays o All types of network delays to be configured through a file. o Multiple standard harrdware. Implementation style Pipelined => Dividing total
functionality is to pipelined
modules where all components Can sun in pasallel.

I what we actually need through it? For each exquest, total delay caused by network to & fro. Alus, some mose statistics. o fresage delay incurred by all the exegnests. o Performance with Lifferent bandwidth/hardware Lelays O Which module is responsible for most of the delays. and others, to be updated later. => (Simulators Varlidation)

By comparing it with seal hardevare.

Will decide later, how to do that?