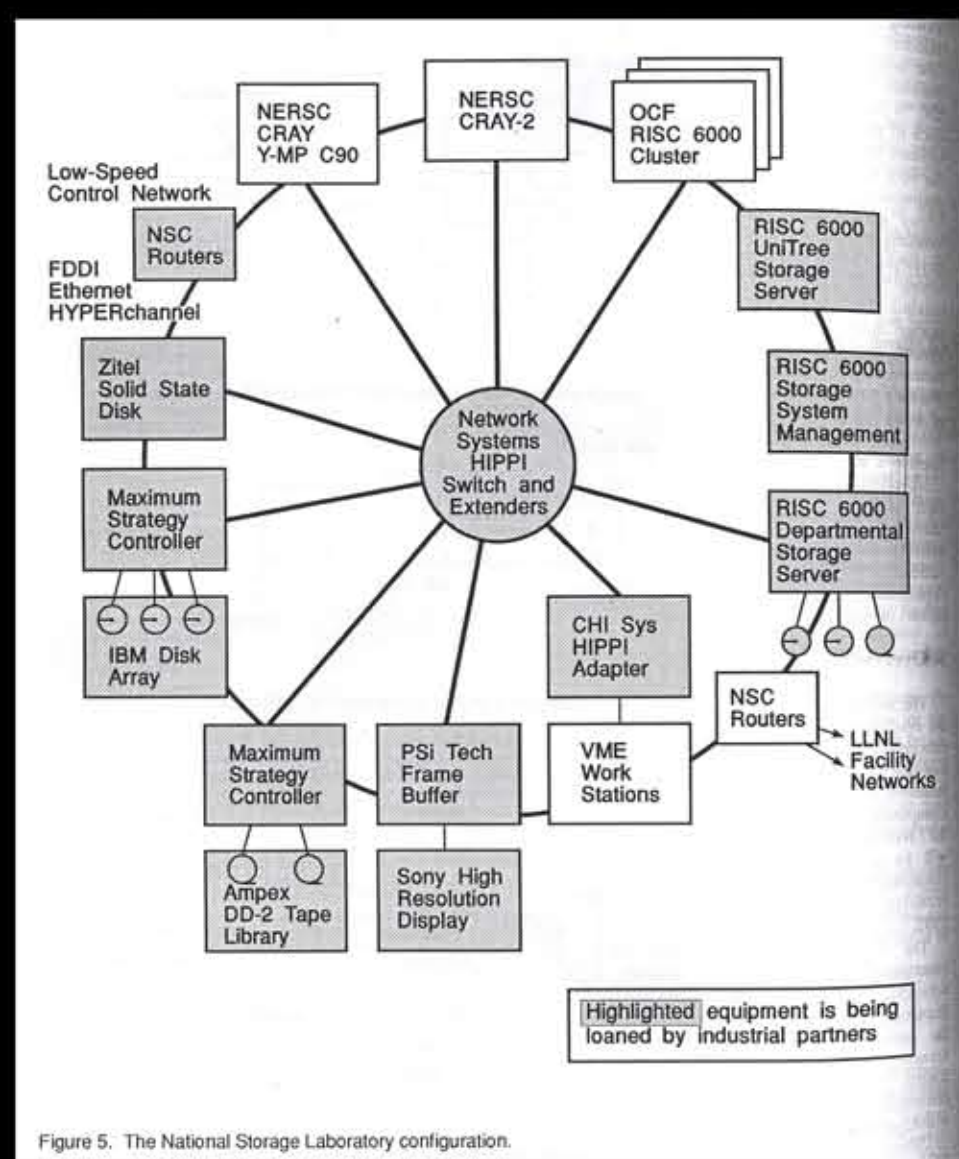
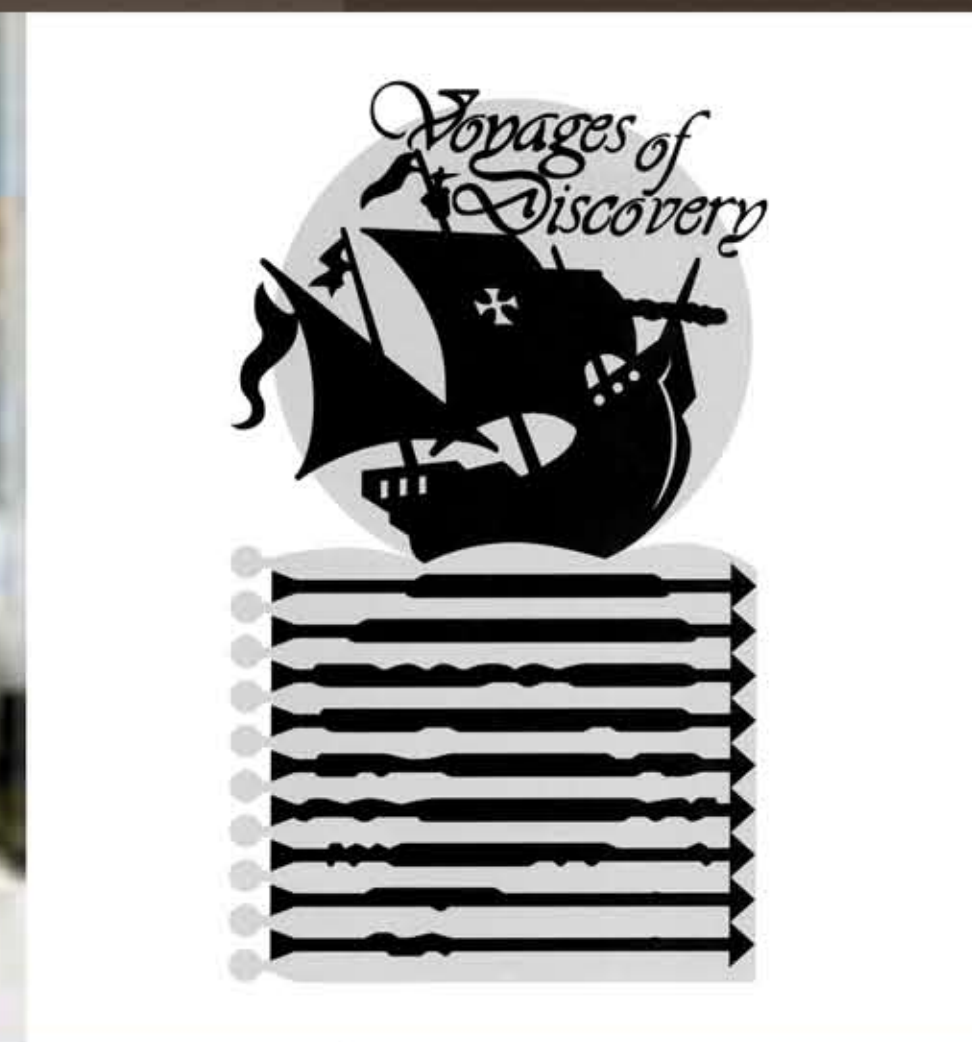


# 20 Years - Unleashing the Power of HPC

# 1992

**1992 Chair  
William Buzbee  
Minneapolis, MN**



## 1992

**Notable Systems first mentioned this year in the proceedings:**

- Tera MTA
- Cray C-90
- Connection Machine CM-5

**Not mentioned in the proceedings after this year:**

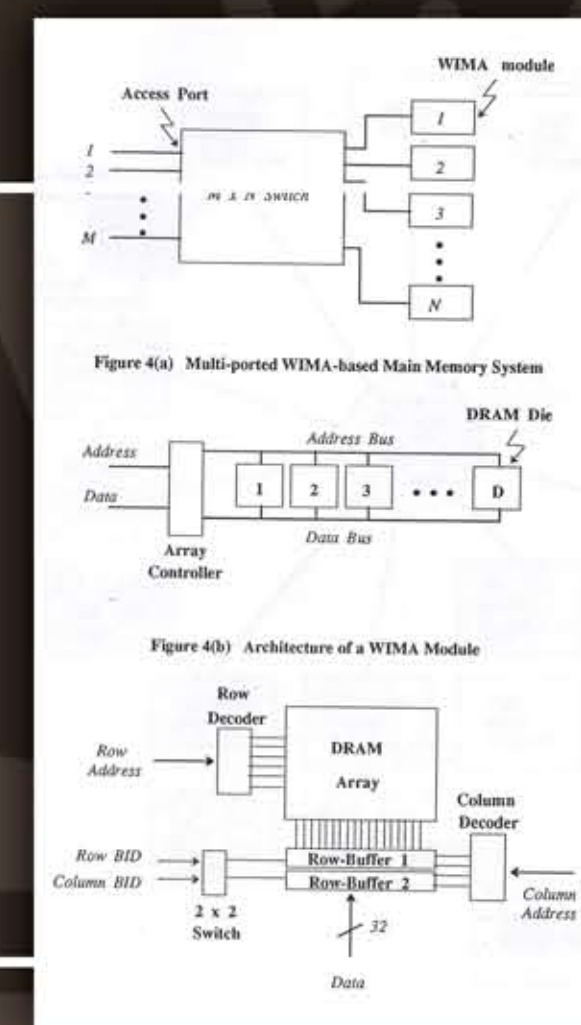
- DecStation
- Sequent Balance
- Sun-4
- Masspar MP1
- SGI 4D and Iris

**Notable Processors:**

- Sun SPARC-2
- HP PA-RISC

**Noteworthy Architecture Topics:**

- Visualizing Parallelization
- Blocking and distributing loops
- Multithreading architectures
- Fault tolerance in parallel systems
- Tasking: Micro, Macro, and Auto
- Misleading performance metrics



Wafer scale integrated memory architecture

**Notable Operating Systems:**

- IBM AIX

**Research Machines:**

- Purdue PASM
- MIT-Motorola Monsoon and \*T
- Toulouse M3S
- Rice Willow
- MIT Alewife and J-Machine
- Zurich MUSIC
- Toronto Hector
- Standord DASH

**Notable Programming Languages:**

- Ada
- Jade
- Fortran 90
- C++
- Id
- CM Fortran
- HPF

