Jim Gray's Storage Latency Analogy: How Far Away is the Data?

Andromeda

10^9 Tape /Optical Robot   2,000 Years
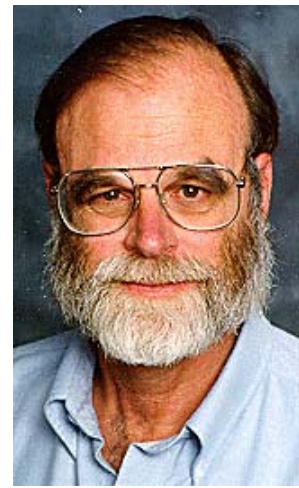
Jim Gray
Turing Award
B.S. Cal 1966
Ph.D. Cal 1969!

10^6 Disk   Pluto   2 Years

Sacramento   1.5 hr

100 Memory

10 On Board Cache   This Campus   10 min

2 On Chip Cache   This Room

1 Registers   My Head   1 min

(ns)