The Big Pictupe

(A.K.A. CS 250 in 15 min.s

(A.K.A. CS 25 Computer physical memory Processor CPU { Datapath Control instruction or data page 3.1 physical addr. page PC Reg D ALU

IF ID EX MEM WB Page DMA page CPU-MEM BUS North Virtual AddR. Bridge mmu TLBmiss page TLB page table Virtual mem.space |PCI page V ViR P3 # | Phy. P9 # | for " lab9. EXS Bus Stack? physical AddR. cache miss page Cache physical mem. access South [ADD --- (2) block Tag bridge Pata page heap: block [page Table DWA Hit data Instruction data Code Operating Hard [ADD -.. (2) System (I/O Device) Executable 1a69.8x2 File \odot Virtual ADD ...