

 Memory Hierarchies Latency/Bandwidth/Locality Caches Principles - why does it work Cache organization Cache performance Types of misses (the 3 Cs) Main memory organization DRAM vs. SRAM Bank organization Tracking multiple references Trends in memory system design 	 Logical Organization Name spaces Protection and sharing Resource management virtual memory, paging, and swapping Segmentation Capability-based addressing
--	---







































