

6.911 - Architectures Anonymous Tentative Schedule of Topics

Feb. 1	Administrivia State of the Union Address (Tom Knight) Distributed Computing (bunnie)
Feb. 8	NUMA (Manoli Kamvyselis) Memory Consistency Models (Brian Sniffen)
Feb. 15	SIMD Vector / Stream / Signal Processing
Feb. 22 (This is not a mistake)	Networks Shared Memory vs. Message Passing
Feb. 29	Processing in Memory Data Prefetching / Decoupled Access-Execute
Mar. 7	VLIW Multithreading
Mar. 14	Reconfigurable Hardware Dataflow
Mar. 28	Tagged / Capability Machines Transactional / Speculative Computation
Apr. 4	Analogue Computers Fault Tolerant Computers
Apr. 11	Power Packaging
Apr. 25	Reversible Computing Amorphous Computing
May 1	The Aries Project (J.P., Jeremy, bunnie)
May 8	Biological Computation (Tom Knight) Quantum Computing (Norm Margolus)