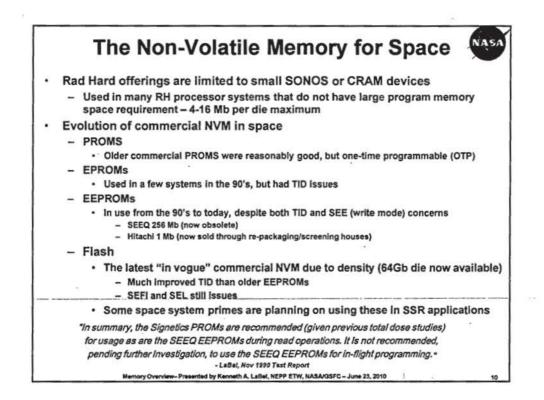
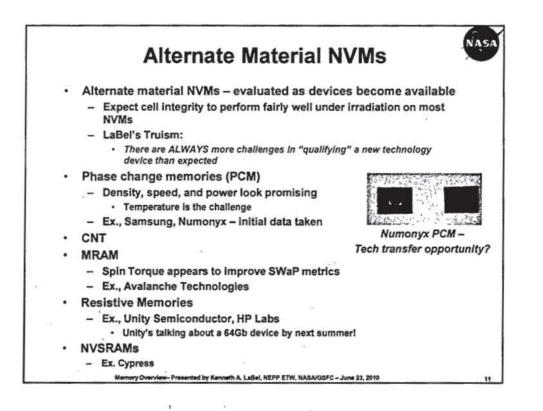
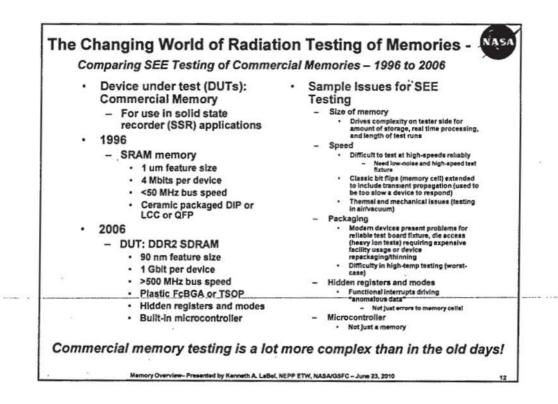
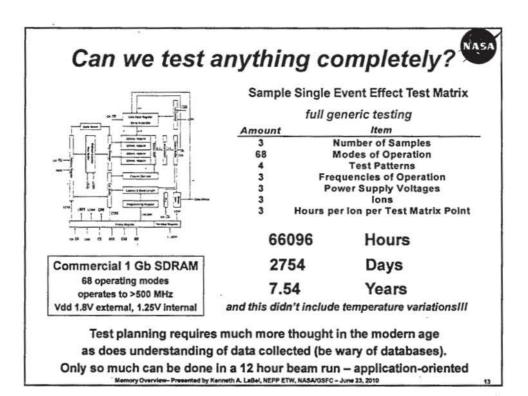


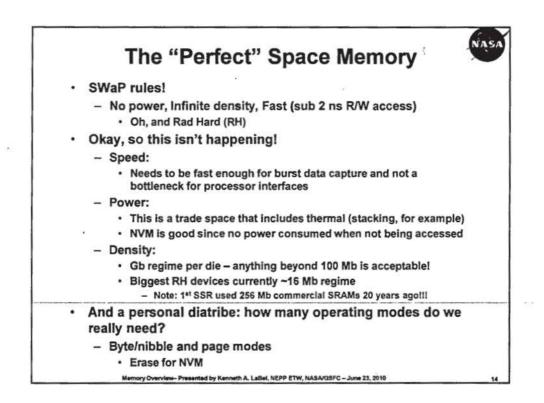
DDR Performance Metrics			
	DDR	DDR2	DDR3
Data Rate	200-400Mbps	400-800Mbps	800-1600Mbps
Interface	SSTL_2	SSTL_18	SSTL_15
Source Sync	Bidirectional DQS (Single ended default)	Bidirectional DQS (Single/Diff Option)	Bidirectional DQS (Differential default)
Burst Length	BL= 2, 4, 8 (2bit prefetch)	BL= 4, 8 (4bit prefetch)	BL= 4, 8 (8bit prefetch)
CL/tRCD/tRP	15ns each	15ns each	12ns each
Reset	No	No	Yes
ODT	No	Yes	Yes
Driver Calibration	No	Off-Chip	On-Chip with ZQ pin
Leveling	No	No	Yes
	1.5V	1.25V	1.0V

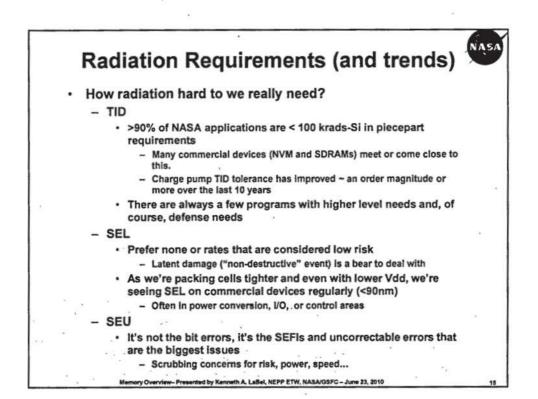


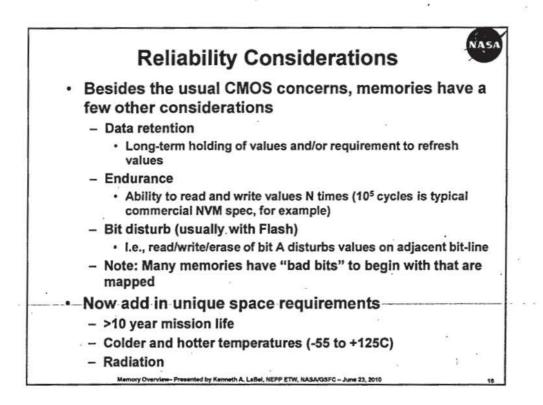


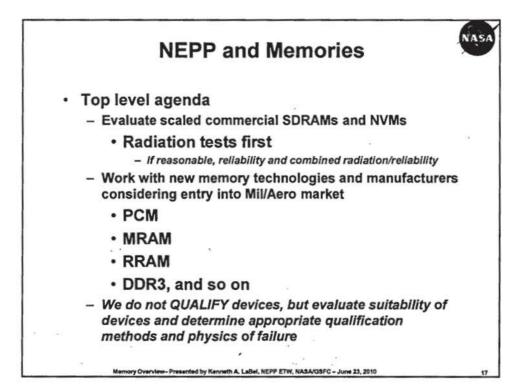


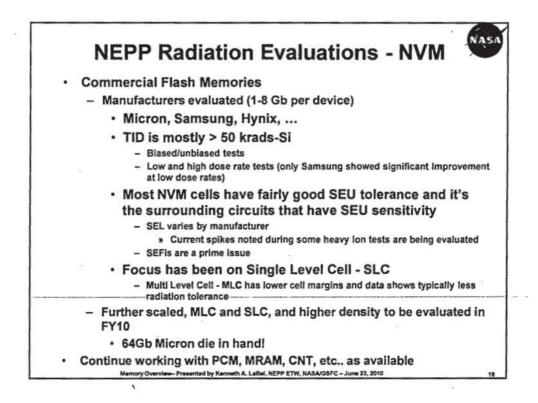












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