# STAR/NERSC Computing

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### **CSD** Reorganization

- "coherent integration of our national facilities and computer science research"
- "major thrust of the NERSC R&D program will be in high performance computing including <u>data</u>
  *management and data intensive computing.*" C.
  William McCurdy (August 11, 1997)

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	NERSC Division at	Berkeley Lab	
	Horst Simon, Divisi Bill Keamer, Deputy Di		
7	o noe staff biographies, click on a group	in NEXSC's organization chart.	
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High Performance Comp Horst Sino	orling Research Department n. Acting Head	High Performance Computing Dep Bill Kramer, Head	ortmont
His State St	E. Ding V. Markovita T. Hyroki S. Kim D. Sotom	Description   Description	T) Alterations

## **HENP Computing Systems group**

• "newly formed HENP Computing Systems group, which will serve as the foundation for our planned future initiatives in this arena. ... This new group will create an LBNL focus for significant new opportunities to develop, integrate, and support physics computing systems dedicated to the international HENP community." - C. William McCurdy (August 11, 1997)

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### **HPSS/Objectivity Connection**

- Objectivity/BaBar using the NERSC HPSS facility as the test bed for access to HPSS mounted files from Objectivity.
- Awaiting C++ compiler on AIX bit movers
- SC97 (San Jose; 15-21 November 1997)
  - proof of concept to be completed
  - presentation at SC97 (poster?)
  - no demo

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### PDSF/DPSS/HPSS LDRD

- Hardware and network connections in place
  - 4 DPSS file servers (Sun Ultra)
  - 4 HPSS bit-file movers (RS-6000/E30)
  - 100 Mb EtherNet switches
  - ATM (OC12/4\*OC3) connection to NTON
    - to be connected to ESNET in future
- Tape striping vs. independent tapes

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