



Current Status of Tier-2 at KNU

- **Leader: Prof./Director Dongchul Son at CHEP**
- **Manpower: 13 physicists and 1 FTE**
- **Space: 560 m²**
- **Computing Resources for CMS in April 1st:**
 - ❑ **CPU: 400 kSI2k (308 cpu's)**
 - ❑ **Storage:**
 - **115 TB of Raw disk (12 File Servers) with RAID 5 or 6.**
 - **32 TB at Worker nodes.**
 - **46 TB of Tape storage (2 of IBM 3494 systems)**
 - ❑ **Network Bandwidth (Total 12 Gbps)**
 - **10 Gbps link to USA via GLORIAD**
 - **2 Gbps link to Europe via TEIN2**
- **CMS Computing Activities:**
 - ❑ **Running Tier-2 and Tier-3**
 - ❑ **Participating in Service Challenge and CSAs**
 - ❑ **Collaborating Bandwidth Challenge led by Prof. Harvey Newmann at CalTech in Super Computing Conference every year**



Future Plan

- **Manpower: Total 3 FTE in next year**
- **Computing Resources**

Year	2008	2009	2010
CPU (kSI2k)	540	800	1000
Disk (TB)	160	200	240
Network (Gbps)	22	22	22

- **Dedicated to the Exotica Group but strong desire to work with Higgs and SUSY group**
- **Local user supports for physics analyses**