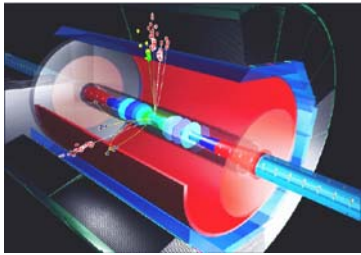


Calorimetry discussion

- (s)LHC projects in Germany
- ILC projects in Germany
- Alliance infrastructure needs



sLHC projects

- ATLAS

- FCAL upg., t.beam
- L1 trigger

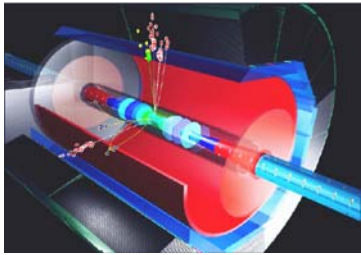
MPI, with MZ, WUP, DD

Mainz, HD; → trigger session

- CMS

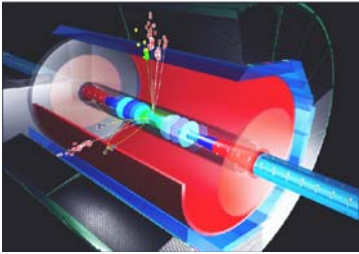
- CASTOR

DESY



ILC projects

- SiPM development MPI
- SiPM characterization HD, MPI, DESY
- Front end ASICs HD, DESY
- Calibration system WUP, DESY
- Electronics integration DESY
- System integration, commiss. DESY
- Absorber mechanics DESY, MPI



Infrastructure needs

- Positive experience: students from HD, WUP at DESY
 - Training, electronics and software environment
 - Know-how transfer (both directions)
 - ➔ Increased demand for laboratory equipment (fast scopes,,,...)
- Front end ASIC development
 - ➔ Classical case HD infrastructure for HD, DESY
- Commissioning and test of (small) integrated active modules
 - ➔ Test beam
 - ➔ Moving mechanics
 - ➔ Tracking (hodoscope, or telescope? fast readout)
- SiPM characterization
 - Applications beyond ILC
 - ➔ Share expertise and equipment
- Background calculations
 - ➔ See FCAL