

ATLAS MPI CALORIMETER

- End-caps
 - ECC:
 - Transport from B180 to Point 1 (20-Sep) was successful.
 - Stored in surface building
 - Lowering into the pit expected end November 2005
 - Start electronics installation (LV HEC, Tower Driver Boards, ...) in truck position mid January 2006.
 - ECA:
 - Detector tests took six weeks starting mid August
 - Warm-up until end November
 - Problem with heaters, only two of eight work.
 - Decided to install additional heaters like for ECC after warm-up.
 - Delay of transport to point 1 to mid January.
- Deliverables (Electronics)
 - FEB:
 - All FEBs produced and assembled (1628)
 - Detailed QC tests under way
 - Try to deliver 100 pcs./week to CERN (not reached yet)
 - Optical transmitters:
 - Production in Taiwan completed.

- **LV PS:**
 - **Changed caps. New set seems better, but no long range experience yet.**
 - **All 68 units will be delivered to BNL by end October.**
 - **Retrofitting of caps. on 32 LVPS till end of year.**
- **LV HEC PS (MPI)**
 - **Four HEC power supplies operated during ECA cold test in August**
 - **Findings see talk during this meeting**
- **HV PS**
 - **Improvement of stability by exchange of input caps. and opto-couplers**
 - **Still problems with stability,**
 - **New problem: Observe HV on channels which are not switched.**
 - **Intensive discussions with ISEG.**

- **Installation at Point 1**
 - **EMF**
 - **Preparation of test system (ROD crate + injectors) finished**
 - **Barrel in truck position**
 - **Installation of all FE components will not be possible before barrel moves to IP. Hope for 12 (32) crates**
 - **Delay of one more week for movement of barrel to IP (now 2-Nov)**
 - **USA15**
 - **Cabling to UX1 started**
 - **ROD: 10 Crates installed**
 - **Difficulties to read one partition.**
 - **HV and DCS installation starting**

- **HILUM Proposal for beam run in IHEP**
 - **Proposal with contributions from**
 - **IHEP, BINP, JINR, LPI**
 - **MPI, Kosice, Wuppertal**
 - **Arizona, TRIUMF**
 - **Foresee meeting in Protvino 5- / 7-Dec-2005**
 - **Simulation work needed (A.Rybin joining)**
 - **Trial run in CERN beam line H6 in Summer 2006**
 - **First run in Protvino: Nov/Dec 2006**

- **Upcoming meetings:**

- **14- / 18-Nov-2005** **LAr week 05-4 at CERN**
- **13- / 17-Feb-2006** **LAr week 06-1 at CERN**
- **19- / 23-June-2006** **LAr week 06-2 at CERN**
- **05- / 09-June-2006** **CALOR2006 in Chicago**
- **05- / 08-Sep-2006** **Calibration workshop in
Barcelona**
- **18- / 22-Sep-2006** **LAr week 06-3 at CERN**
- **04- / 08-June-2006** **LAr week 06-4 at CERN**