

- LP 2.0 field cage
 - Wall design
 - Tooling & construction
- DESY GEM Module:
 - Long term stability and reproducibility
 - Improved mechanics and HV connection
 - Gating
- Understanding of signal width (measured) and connected results
- Support/maintenance of testbeam setup and campaigns
- Manpower
 - New postdoc (A. Vauth)
 - 2 new PhD students (O. Fedorchuk, soon: P. Malik)
 - PhD thesis finish (F. Müller)



- Testbeam
 - Overall improvement of Testbeam areas:
 - new floors, laser alignment, DACHS access (new safety rules!), more ethernet & power connections, new cable bridges, painting, vacuum pumps, beam targets (in DESY II), new beam oscilloscopes, general clean up
 - T24/1:
 - New beam dump, repair of beam trigger
 - PCMAG: improved rail system (including survey), cold head maintenance
 - Movable stage: safety switches, calibration of 2nd position encoder, improved steering software
 - Planned: better TRACI piping (place TRACI in T24?)
- Large prototype
 - Space frame endplate preparation: HV and gas connections, shields, new mounting ring ongoing
 - Work on module mounting tool (avoid metal scraps, adjustment to new space frame endplate)
 - Test samples for wall of LP 2.0 produced and tested, 2nd round ongoing



- Big steps made in common testbeam data analysis (software and results)
- Loss of software coordinator (Astrid)
- Re-visiting results of small prototypes (MediTPC at 4T) and rerun of analysis with MarlinTPC
 - Error in diffusion calculation for PRC (T2K, 4T) discovered, still under investigation: detailed charge/electronics simulation studies ongoing
- Alignment studies (Millepede II)
- Distortion studies in simulation, on LP data and laser measurements
- Ion backflow and amplification studies
- Stability R&D for Large Prototype triple GEM module started