

Status Report Alexander Eisenhans 02/09/2022

Activities during the last weeks

- understanding and installing muon telescope test setup at ITEDA
- understanding the AMIGA electronics
- overworking definition of needed design blocks
- simulations to design improved TDC

Understanding and installing muon telescope test setup at ITEDA

- “la pipa” in the basement
- M. Hampel and A. Fuster gave me a introduction about how to use it
- installation of the SIPM+Amplifier ongoing

Next tasks to do

- Muon telescope setup
 - Calibration of HV inside pipa
 - making first measurements with setup and see photon distribution
- Chip Design
 - Finish Definition of First Prototype
 - Design of PLL/DLL and Global Counters
 - Improve TDC