

Content

Detector R&D

- D_RD_01: ILC detector design
- D_RD_02: Construction and tests of a MPGD TPC endplate prototype for the Linear Collider
- D_RD_03: new large area photon detectors
- D_RD_04: R&D on the new generation of large area Si tracking system
- D_RD_06: R&D on liquid xenon detector technology

LHC Physics

- LHC_02: ATLAS computing
- LHC_03: Superconducting magnets for the LHC accelerator upgrade

B Physics

- B_01: Development of the software package CKMfitter
- B_03: Investigation of the Theoretical Aspects of the Flavour Physics

Neutrino Physics

- Nu_01: R&D of neutrino beam production for future (Multi-)MW proton facility
- Nu_01_2: R&D of neutrino beam production for future (Multi-)MW proton facility
"Measurement of hadron production for T2K at CERN NA61 experiment"
- Nu_02: 280m Near Detector for the T2K experiment
- Nu_02-WP2: R&D of detectors for future high statistics, high precision experiment
(R&D for reactor anti-neutrino experiments.)
- Nu_02-WP3: R&D of detectors for future high statistics, high precision experiment
(R&D for neutrinoless double beta decay experiments)

Simulation and Data Analysis

- SDA_1: Event generators and Higgs Physics at LHC

Computing

- COMP_3 – Grid Interoperability and Data Management

Accelerator R&D

- A_RD_01: Applications of a high finesse Fabry Perot Cavity for the ILC
- A_RD_02 : Collaboration on the ATF2 project at KEK and on the ILC Machine Detector Interface
- A_RD_03: R&D on High Power Couplers for the ILC
- A_RD_05 : Surface Preparation Study for Superconductive Cavities.

Astroparticles

- Astro_01: Observation of Extremely High Energy Cosmic Radiations using a Near-ultraviolet Telescope on the Japanese Experiment Module of the International Space Station (JEM-EUSO Project)

Others

- Bio_01 : New developments of the Geant4 Monte Carlo simulation toolkit
- Mu_e: Experimental Search for Muon to Electron Conversion