

Content

In red, new projects, in grey no proposal this year

Detector R&D

D_RD_01: ILC detector design

D_RD_02: Construction and tests of a Micromegas TPC endplate prototype for the LC

D_RD_06: R&D on liquid xenon detector technology

D_RD_07: R&D platform for multichannel photon counting sensor system

D_RD_08: Hermetic ARgon Polarimeter (HARPO)

~~D_RD_09: R&D for muon g-2 and EDM measurements at J-PARC~~

~~D_RD_10: PhotoDet workshop~~

LHC Physics

LHC_02: ATLAS computing

LHC_03: Superconducting magnets for the LHC accelerator upgrade

LHC_05: Exploitation of hard em probes and jets to study the qgp with LHC-ALICE

LHC_06: Improvement of the t jet measurement applied to the low mass Higgs search in tt channel

B Physics

B_03: Theoretical Aspects and the specific problems of physics analysis at the new Super B Factories

Neutrino Physics

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-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)

Computing

COMP_03 – Grid Interoperability and Data Management

Simulation and Data Analysis

SDA_1: Event generators and Higgs Physics at LHC

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.

A_RD_06: Research on a new crystal-assisted positron source for the ILC

A_RD_07: Study of magnetic shielding for superconducting cavities

A_RD_08: Collaboration on fast luminosity measurements and MDI questions for super B meson factories

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)

Biology Applications

Bio_01: New developments of the Geant4 Monte Carlo simulation toolkit