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Detector R&D

- D_RD_9:** Toward the final design of a TPC for the ILD detector
- D_RD_10:** R&D for Fast timing photon detector system
- D_RD_11:** Prototype development of a positron emission tomography detector using liquid Xenon

LHC Physics

- LHC_6:** Improvement of the τ jet measurement applied to the low mass H Higgs search in $\tau\tau$ channel
- LHC_7:** R&D for ATLAS GRID computing
- LHC_8:** Measurements of Jets and Photons in Heavy Ion Collisions at the Highest Beam Energy during the LHC-Run 2 by ALICE
- LHC_10:** High speed and high density readout electronics for the Liquid Argon Calorimeter of the ATLAS experiment at CERN

ILC Physics

- ILC_1:** ILC Top
- ILC_2:** ILC ECAL
- ILC_3:** Distributed Computing toward ILC

Simulation and Data Analysis

- SDA_2:** Search for BSM physics in future e- e- collider

B Physics

- B_4:** Contribution to the preparation of the Belle II detector operation at SuperKEKB and of the physics analysis.
- B_5:** Flavour physics : joint efforts towards searching for physics beyond the SM

Neutrino Physics

- Nu_3:** Precise measurement of neutrino oscillation angle θ_{13} using reactor neutrinos

Muon Physics

- Mu_1:** g-2, EDM, Comet

Accelerator R&D

- A_RD_1:** Development of optical cavity systems for advanced photon sources
- A_RD_6:** Study and optimization of the power deposition density in new positron targets
- A_RD_7:** Study of the effects of the external magnetic field on Superconducting RF cavity performance
- A_RD_8:** Collaboration on fast luminosity measurements and MDI questions for super B meson factories
- A_RD_9:** Effort towards improving large scale production of SC cavities
- A_RD_10:** Nanometer stabilization studies at ATF2
- A_RD_11:** Development and Validation of Input Power Couplers for Superconducting Linacs
- A_RD_12:** Development of Frequency Tuners optimized for 1.3 GHz SRF Cavities

Astroparticles

- Astro_1:** Towards a new era in ultra-high-energy cosmic-ray studies (UHECRs)
- Astro_2:** Cosmology with CMB Polarization Measurements

Biology Applications

- Bio_2:** The Geant4-DNA project at the Physics-Biology frontier