MID-TERM MEETING of the ERC Project DaMESyFla

ELECTROWEAK SYMMETRY BREAKING, FLAVOUR AND DARK MATTER after the Higgs discovery

GGI, FLORENCE | 16 -18 December 2013

High-energy particle physics has entered a new era, which gives us unique opportunity to unravel the mysteries of Electroweak Symmetry Breaking, Flavor and Dark Matter. The LHC at CERN is pushing the Energy frontier well into the TeV region, sheding light on electroweak symmetry breaking. The LHCb experiment, super-B factories and other dedicated experiments, also in the lepton sector, are pushing forward the Intensity frontier, testing the Standard Model description of flavor and CP violation with unprecedented accuracy. Earth- and space-based experiments are pushing forward the Astroparticle frontier, in particular direct and indirect searches for Dark Matter. The aim of the mid-term meeting of the DaMESyFla project is to review, after the Higgs discovery, the present situation from a theoretical, phenomenological and experimental point of view.

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WHERE
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