



Alps 2017

an Alpine LHC Physics Summit

April 17-22, 2017, Obergurgl University Center, Tirol, Austria

Scientific Organizers:

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With a successful start and superb performance, the LHC experiments are now collecting data at a center-of-mass energy of 13 TeV. The implications of LHC searches for new physics at the TeV scale are a topic of intense interest. Together with the results from other experiments, the LHC results will define the landscape of possible new physics scenarios at the TeV scale in the coming decade. The aim of this workshop is to take stock of the recent experimental results and have a fresh look at potential theories beyond the Standard Model in light of these results. The workshop will bring together particle theorists and experimentalists

to brainstorm on questions ranging from the origin of the 16-decade hierarchy between the Planck and the electroweak scale to the particle nature of dark matter, from recent developments in neutrino physics to the exciting prospects of finding new physics in flavour precision measurements. We will further discuss new strategies that may shape the future of particle physics and debate the potential of the high luminosity LHC program.

The meeting will take place at the Obergurgl University Center, in the ski-resort town of Obergurgl, located in the upper Oetzal Valley in Tirol, Austria.

Registration deadline: January 31, 2017.

Links, Contact: <http://alps2017.hephy.at> · alps2017@hephy.at