



International Summer School

Mass: From the Higgs to Cosmology

July 9-21, 2018

Topics

Collider physics
Higgs physics and beyond
Effective field theory
Naturalness
Neutrino Physics

Dark matter
Axion physics
Gravitational waves
Theory of reheating
Thermal field theory

Lecturers

Asama ABADA (*LPT, Orsay*)
Alessandra BUONANNO (*AEI, Potsdam*)
Vitor CARDOSO (*IST, Lisbon & PI*)
Roberto CONTINO (*SNS, Pisa*)
Mikko LAINE (*AEC, Bern*)
Marco PELOSO (*U. of Minnesota*)

Ira ROTHSTEIN (*Carnegie Mellon*)
Joshua RUDERMAN (*CCPP, NYU*)
Jesse THALER (*CTP, MIT, Boston*)
Raffaele TITO D'AGNOLO (*SLAC & Stanford U.*)
Giovanni VILLADORO (*ICTP, Trieste*)

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Organizers

Géraldine SERVANT (*DESY & University of Hamburg*),
Christophe GROJEAN (*DESY & Humboldt University*),
Jean ORLOFF (*LPC, Clermont-Ferrand*)

Application

Applications deadline is **February 18, 2018**. For further information:

<https://indico.desy.de/event/18951/>

Secretary: Catherine PINTY (*LPC, Clermont-Ferrand*) pinty@clermont.in2p3.fr