

PROGRAMME

XLIV International Meeting on Fundamental Physics 4-8 April, Madrid

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	Monday 4	Tuesday 5	Wednesday 6	Thursday 7
10:00 - 10:50	Luca Fiorini Higgs ex (ATLAS/CMS)	Pietro Slavich BSM Higgs th	Mariano Quirós SUSY th	David G. Cerdeño Dark Matter th
10:50 - 11:20	Coffee break			
11:20 - 12:10	Wolfgang Hollik SM th (Higgs, EW,...)	María Cepeda BSM Higgs ex	Aurelio Juste Exo + SUSY ex	Maria Luisa Sarsa Dark Matter ex
12:10 - 13:00	Enrique Palencia SM + top (ATLAS/CMS)	Luca Merlo Higgs EFT	José Santiago Non-SUSY BSM th	Juande Zornoza Neutrino Telescopes

15:00 - 15:50	Ángel Uranga Th. developments/ strings	Ignacio Sevilla Cosmo ex	Karel Safarik Heavy Ions ex	Jorge Vieira AWAKE Project
15:50 - 16:40	André Rubbia Neutrinos ex	Javier Rico Gamma Rays / CTA	Juan José Saborido Flavour (LHCb)	Cristina Fernández LHC upgrades
16:40 - 17:10	Coffee break			
17:10 - 18:00	Martin Hirsch Neutrinos th	Mar Bastero Cosmo th	Joaquim Matias Flavour th	Luca Malgeri Prospects Run II
18:00 - 18:50	Poster session (see last page)	Sascha Husa Gravitational waves	Andreas Jüttner Lattice	

21:00 -

Social dinner

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Spanish Scientific Policy Session

<http://workshops.ift.uam-csic.es/IMFP16>

	Friday 8
09:30 - 09:50	Status of the FPA Spanish Program Mario Martínez, Manager FPA
09:50 - 10:20	Discussion and questions
10:20 - 11:10	Accelerator Physics in Spain (I) R&D on Accelerators Fernando Toral R&D on Accelerators Ángeles Faus
11:10 - 11:40	Coffee break
11:40 - 12:30	Accelerator Physics in Spain (II) Report on ALBA & relation with HEP R&D Francis Pérez Report on CNA & relation with HEP R&D Joaquín Gómez
12:30 - 13:30	Perspectives from Ministry C. Lopez, MINECO M. Moreno, CDTI

15:00 - 16:30	Round Table FPA, industrial returns, relations with CERN C. Lopez, M. Moreno, M. Martínez
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Poster Session

Ilaria Brivio	Non-linear Higgs portal to scalar Dark Matter
Leonor Cerdá	Search for diHiggs production in the $\gamma\gamma b\bar{b}$ channel at 13 TeV with the ATLAS detector
Rocío del Rey	Axionic signals at colliders with a dynamical Higgs
Juan R. González Fdez	Inclusive top-quark pair production cross section in the CMS detector with the Cut and Count method
Josu Hernández	Global constraints on the heavy neutrino mixing
Marino Missiroli	Search for top-antitop resonances in semileptonic final states at 13 TeV with the CMS detector
Pablo Quílez	Gauging Lepton Flavor
Elisa Ruiz Chóliz	Micromegas detectors for axion searches
Sara Saa	The minimal linear σ -model for the Goldstone Higgs
Ignacio Suárez	WZ production cross section at 13 TeV in multileptonic decay channel