

XL INTERNATIONAL MEETING ON FUNDAMENTAL PHYSICS IMFP-2012 25 MAY- 3 JUNE BENASQUE (SPAIN)

	Friday 25	Saturday 26	Sunday 27	Monday 28	Tuesday 29	Wednesday 30	Thursday 31	Friday 1	Saturday 2
	Flavour	Flavour	Flavour	Astroparticle	Astroparticle & ν 's	Accelerator Physics	Spanish Organization + LHC experiments	Discussion of LHC results	Discussion of LHC results
09:00-09:15	WELCOME								
09:15-10:00	Lepton Flavour Violation Martin Hirsch	Physics at Super B Guy Wormser	T Violation from the entangled B ₀ -B ₀ bar System Pepe Bernabéu	Dark Matter (Th.) David Cerdeño	Neutrino Physics(th.) M. Tortola	Performance of the LHC Accelerator José Miguel Jiménez	CPAN (30'+10') CUP (20'+5') Multi-Dark (20'+5') PAU (20'+5')	The European Strategy T. Nakada + New Aspera Roadmap A. Ferrer	Alternative Models C. Grojean, A. Pich
10:00-11:00	Strong Higgs dynamics with MFV Juan Yepes Enhancing LFV with Z Penguin Avelino Vicente	Rare B Decays and B-B mixing in non MFV SUSY Miguel Arana-Catania Looking for new Vector-Like Quark effects Miguel Nebot	LATTICE: B Physics Carlos Pena LATTICE: Strange and Charm Gregorio Herdoiza	Dark Matter (Exp.) I. Irastorza	Neutrino Telescopes Ch. Finley	LHCb Results Bernardo Adeva		The Spanish-European Strategy. FPA: F. Del Aguila, CPAN: A. Pich, M. Cerrada, CERN: C. Pajares	Discussion Leader F. Richard
11:00-11:30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break		Coffee break	Coffee break
11:30-12:15	Effec. Lagran. for Neutrinoless Double BETA Decay Alberto Aparici On the nature of the 4th generation Neutrino Juan Herrero	CP Violation in the charm sector Jernej Kamenik	Flavour with the TOP Maria Moreno TOP Flavour Physics: Colour OCTETS BELOW 1TeV Roberto Barcelo	Gamma Rays J. Cortina	Status of LSC S. Bettini	TeVatron Latest Results Jesús Vizán	Exp - Challenges for HL-LHC P. Allport	Higgs Physics José Santiago (Theo.) A. Juste (Exp.)	SUSY V. Mitsou (Exp.) tbz (Theo.)
12:15-12:30		1B on the LATTICE Eduardo Follana (30')	Physics results from B-FACTORIES Arantza Oyaguren	Future Gamma Ray experiments CTA, etc. A. Moralejo	The AMS Experiment on the ISS Manuel Aguilar	ALICE Leticia Cunqueiro			
12:30-13:00	New Physics and Flavour Dogmas Gustavo C. Branco	Flavour Physics at DAPHNE - KAONS Antonio Di Domenico (45')					Future Linear Colliders F. Le Diberder	Discussion Leader J. Cuevas	Discussion Leader S. Heinemeyer
13:00-13:15									
13:15-16:00	Lunch	Lunch	Lunch	Lunch	Lunch	Football Match: Exp. Vs Theo. Lunch	Lunch	Lunch	Lunch
16:00-16:15									
16:15-17:00	The LHCb Upgrade Pierluigi Campana	CP Violation Measurements at LHCb Cedric Potterat	Phenomenology of rare B Decays Joaquim Matias	Dark Energy Enrique Gaztañaga	Neutrinoless $\beta\beta$ decay A. Giuliani	ATLAS, Performance S. González (30') + Physics Results M. Vos (30')	LHC Physics, present and future M. Mangano	Top Physics P. Uwer Electroweak Measurements J. Alcaráz	Hadron Physics-exp C. Salgado
17:00-17:30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	Discussion Leader S. Marti	
17:30-18:00	TAU PHYSICS Matthias Jamin New Hadronic Form Factors in TAUOLA Pablo Roig	Physics at BELLE II Peter Krizan (45') TOP transition moments Gabriel Gonzalez-Springberg (30')	Results from LHCb: Rare Decays José A. Hernando End of the Flavour Mini-Workshop	Gravitational Waves A. Sintès	Neutrino Oscillations P. Novella	CMS Performance J. Puerta (30') + Physics Results L. Scodellaro(30')	BSM with LHCb G. Wilkinson (Exp.) N. Mahmoudi (Theo.)		Coffee break
18:00-18:30									
18:30-19:30						Cosmic Rays A. Bueno		Discussion Leader B. Adeva	
20:00-21:00		FLAVOUR COCKTAIL							
21:00-22:00				WELCOME COCKTAIL					
22:00-23:00							DINNER		