

DISCRETE 2018

Monday, November 26, 2018

Plenary (9:00 AM - 10:45 AM)

-Conveners: Jose Bernabeu

time	[id] title	presenter
9:00 AM	[M130] Binary neutron star mergers: Observations and modelling in multimessenger astronomy era	PEREGO, Albino
9:35 AM	[M134] The Electric Dipole Moment of the Neutron and the PanEDM Experiment	Prof. FIERLINGER, Peter
10:10 AM	[M139] Overview on solar, geo, and reactor neutrino experiments	Prof. LUDHOVA, Livia

Plenary (11:15 AM - 12:25 PM)

-Conveners: Eberhard Widmann

time	[id] title	presenter
11:15 AM	[M139] Electron EDM tests at ACME	Prof. GABRIELSE, Gerald
11:50 AM	[M116] Photonic Quantum Communication	Prof. ZEILINGER, Anton

Plenary (2:00 PM - 4:20 PM)

-Conveners: Johann Marton

time	[id] title	presenter
2:00 PM	[M108] The European Strategy Update 2019/2020: Discussion on Priorities for Future Facilities	DE ROECK, Albert
2:35 PM	[M142] Laser spectroscopy of antihydrogen in ALPHA	RASMUSSEN, Chris
3:10 PM	[M100] Parity Violation in Atomic Systems	Prof. JUNGSMANN, Klaus
3:45 PM	[M120] Pushing the Energy and Cosmic Frontiers with High-Energy Astrophysical Neutrinos	Dr BUSTAMANTE, Mauricio

Tuesday, November 27, 2018

Plenary (9:00 AM - 10:10 AM)

-Conveners: Claude Amsler

time	[id] title	presenter
9:00 AM	[10] Experimental Neutrino CP violation searches	ZITO, Marco
9:35 AM	[45] Vacuum Induced CP Violation Generating a Complex CKM Matrix with Controlled Scalar FCNC	Dr NEBOT GOMEZ, Miguel

Plenary (10:40 AM - 11:50 AM)

-Conveners: Antonio Di Domenico

time	[id] title	presenter
10:40 AM	[98] Protecting the Stability of the EW Vacuum	BRANCHINA, Vincenzo
11:15 AM	[30] Tests of discrete symmetries in positronium decays with the J-PET detector	Dr CZERWIŃSKI, Eryk

Wednesday, November 28, 2018

Plenary (9:00 AM - 10:45 AM)

-Conveners: Jeanette Miriam Lorenz; Niki Saoulidou

time	[id] title	presenter
9:00 AM	[M2] Theoretical status of Flavor Anomalies	Dr FUENTES-MARTIN, Javier
9:35 AM	[M11] Collider physics at the intensity and energy frontier -- the HL-LHC and beyond	MELONI, Federico
10:10 AM	[M5] Higgs boson physics at LHC	SALERNO, Roberto

Plenary (11:15 AM - 12:25 PM)

-Conveners: Vasiliki Mitsou

time	[id] title	presenter
11:15 AM	[M4] Supersymmetry: Nil Carborundum	ELLIS, John
11:50 AM	[M5] Natural Supersymmetric Twin Higgs	BADZIAK, Marcin

Thursday, November 29, 2018

Plenary (9:00 AM - 10:45 AM)

-Conveners: Margarida Nesbitt Rebelo Da Silva; Margarida Nesbitt Rebelo

time	[id] title	presenter
9:00 AM	[M1] Global overview on neutrino masses, mixings and CP violation	Dr TÓRTOLA, Mariam
9:35 AM	[M2] PT-symmetric quantum field theory	Prof. BENDER, Carl
10:10 AM	[M4] Unidirectional Reflectionless Transmission of Light with and without PT Symmetry	Prof. STONE, A. Douglas

Plenary (11:15 AM - 12:25 PM)

-Conveners: Gustavo Branco

time	[id] title	presenter
11:15 AM	[M3] Spinor-vector duality and sterile neutrinos in string derived models	Prof. FARAGGI, Alon
11:50 AM	[M5] Globally Consistent F-theory Standard Models with Matter Parity	CVETIC, Mirjam