

Moriond EW 2018 - Day by day agenda (March 13 version)

Sunday, March 11th

Sunday Morning : Heavy Flavours

Garcia Pardinias, Julian	Measurements of CPV in beauty at LHC
Gambino, Paolo	Vcb: a fresh look
Papucci, Michele	B to D and D*: R(D(*)), Vcb and new physics
van Veghel Maarten	Very rare decays at LHC
Marino, Pietro	Measurement of CPV in charm at LHC
Greljo, Admir	B-anomalies: A model builder guide
Dettoni, Francesco	Status and prospects in b to sll decays
Alonso de Pablo, Rodrigo	Gauged flavour symmetry for B anomalies

Sunday afternoon : Heavy flavours (cntd)

Langenbruch, Christoph	Lepton flavour universality (LFU) tests in B decays as a probe for new physics
Fuentes, Javier	UV-complete model for B anomalies and SM flavour hierarchies
Takahashi, Yuta	Search for leptoquarks in CMS in the context of LHCb hints of LFUV
Mohanty, Gagan	Isospin asymmetry for B to K* gamma & hint for B+ to mu+ nu ($ V_{ub} $) (Belle)
Nardecchia, Marco	Flavour anomalies and UV completion after R_K (*)
Li, Huijing	Various $ V_{cs} $ measurements in Ds+, D0 decays and LFU test in D -> pi l nu decays
Becirevic, Damir	A viable scenario to accommodate current B-physics anomalies
Marchevski, Radoslav	K+ to pi+ nu nubar: first NA62 results
Nakagiri, Kota	Status on KL to pi0 nu nu (with latest dataset i.e. after 2015) (KOTO)

Monday, March 12th

Monday Morning : SM (top, EW)

Deliot, Frederic	Precision physics with top measurements
Menke, Sven	Measurement of the top quark mass in ATLAS and CMS
Brandt, Oleg	Top quark studies at the Tevatron
Sanchez Cruz, Sergio	Associate top production (ttV, tV) in ATLAS and CMS
Bendavid, Joshua	Precision EW measurement in CMS
Hays, Chris	EW studies at the Tevatron
Schott, Matthias	Precision EW measurement in ATLAS
Kogler, Roman	Latest SM fits (Gfitter)

Monday Afternoon : The BEH news

Zanzi, Daniele	Measurement of the H coupling to the top quark in ATLAS
Peruzzi, Marco	Measurement of the H coupling to the top quark in CMS
Nielsen, Jason	Associate production of $H \rightarrow b\bar{b}, c\bar{c}$ with a W and Z in ATLAS
Marini, Andrea Carlo	Rare decays ($H \rightarrow \mu\mu, H \rightarrow \text{invisible}$) in CMS
Sperka, David	Measurement of the mass and other couplings in ATLAS and CMS
Nomidis, Ioannis	Recent measurements in the H to Diboson Final states in ATLAS
Kagan, Michael	Search for double production (HH) in ATLAS and CMS

Young Scientist Forum 1

Cheab, Racha	Belle II status right before the first KEKB-beams
Vieites-Diaz, Maria	$t\bar{t}$ production in the forward region of LHCb
Touati, Selim,	EDM with and beyond flavor invariants
Burns Menary, Stephen	Measurement of fiducial, differential and production cross sections in the H to gamma gamma decay channel with ATLAS

Tuesday, March 13th

Tuesday morning : BSM (Susy and Exotics)

Pena, Carlos	Lattice QCD for precision flavour physics
Caillol, Cecile Sarah	$H \rightarrow a\bar{a}$ in CMS
Stark, Jan	Search for BSM scalars (SUSY, Heavy..) in ATLAS
Mao, Ying-Nan	ZH eta in the simplest little H model
Berry, Douglas Ryan	Search for heavy resonances and for LFUV in the dilepton($e\bar{e}, \mu\mu, e\mu$) final state with CMS data
Jansky, Roland	Search for heavy resonances with jet substructure techniques in ATLAS
Nikiforou, Nikiforos	Search for new heavy quarks in ATLAS
Gonzalez-Alonso, Martin	Precision vs Energy in the Standard Model EFT

Tuesday afternoon : BSM (Susy and exotics) (cntd)

Hamaguchi, Koichi	Flaxion: a minimal extension to solve puzzles in the SM
Mete, Alaetin-Seran	Searches for Higgsinos and related challenges in ATLAS
Botta, Cristina	Progress with final states with soft leptons in CMS
Mariotti, Alberto	Low mass diphoton resonances at LHC
Seitz, Claudia	Susy searches in the context of R parity violation (RPV) with CMS data
Barberis, Dario	Squarks and gluino searches in the context of RPV decays and long-lived sparticles in ATLAS
Borsato, Martino	Long lived particles and dark-photons at LHCb

Young Scientist Forum 2

Read Cormier, Kyle James	Measurements of $t\bar{t}$ differential cross-sections of highly boosted top quarks decaying to all-hadronic final states with ATLAS
Garcia-Garcia, Claudia	Resonant WZjj events at LHC
Wolff, Robert	Higgs boson production in association with a top quark pair with the ATLAS detector
Sunder, Marthijn	Simplified gaugino-higgsino models (MSSM')

Wednesday, March 14th

Wednesday morning : Dark Matter

Zurek, Kathryn	DM without prejudice
Coderre, Dan	The XENON dark matter search
Franco, Davide	New physics results from DarkSide-50
Lopez Honorez, Laura	Standard Model Scalar coupled to minimal DM
Lo Sterzo, Francesco	Search for DM in the monoX final state (X=jet, Z, W, H) with ATLAS
Kai Hong Sung, Kevin	Search for DM in final states with top quarks in CMS data
Heisig, Jan	Dark matter and long-lived particles at the LHC

Afternoon session : Dark Matter (cntd)

Stadnik, Yevgeny	Low mass bosonic dark matter, lab tests and astronomical phenomenology
Katsioulas, Ioannis	NEWS-G : Light dark matter search with a Spherical Proportional Counter
Rizzo, Thomas	Kinetic mixing, dark matter and extra-dimensions
Woollett, Nathan	The First Experimental Results from the Axion Dark Matter Experiment Generation 2
Ayres, Nicholas	Hunting for Axionlike Dark Matter by Searching for an Oscillating Neutron Electric Dipole Moment
Hryczuk, Andrzej	Relic density of dark matter revisited
Mitridate, Andrea	Colored dark matter

Young Scientist Forum 3

Leontsinis, Stefanos	Z-J/Psi II decays in CMS
Huang, Huang	Search for dijets and diboson resonances in CMS
King, Simon	Sneutrino dark matter, constraints and perspectives
Korsmeier, Michael	Production cross sections for cosmic-ray antiprotons

Thursday, March 15th

Thursday morning : Neutrinos

Cao, Son	Latest results from T2K
Backhouse, Christopher	Latest results from NOvA
Spitz, Joshua	First Measurement of Monoenergetic Muon Neutrino Charged Current Interactions
Rich, Grayson	First observation of coherent elastic neutrino-nucleus scattering and continued efforts of the COHERENT Collaboration
Domcke, Valerie	Neutrino masses and leptogenesis from small lepton number violation
Parkinson, Christopher	Search for heavy neutral lepton production in kaon decays
Drewes, Marco	Perspectives to find heavy neutrinos with NA62
Kaysner, Boris	Majorana vs Dirac and neutrino decays

Thursday afternoon : Neutrinos (cntd)

Der Mesrobian-Kabakian, Anthony	EXO-200 latest results
Tomei, Claudia	First results from CUORE
Gironi, Luca	Results of CUPID-0

YSF4

Verbeke, Willem Lodewijk M	Search for heavy neutral-leptons with the CMS detector
Juraj, Klaric	Probing the seesaw mechanism and leptogenesis
Olivares del Campo, Andres	Implications of a dark matter-neutrino coupling
Zolotarova, Anastasia	Status of CUPID-MO
Gehrlein, Julia	Inverse seesaw from dynamical B-L breaking
Martinez-Soler, Ivan	Double-Cascade Events and New Physics: IceCube prospects

Moriond Discussion

Friday, March 16th

Friday morning : Neutrinos

Marcano, Xabier	Heavy neutral leptons and displaced vertex at LHC
Negro, Giullia	Search for heavy neutral lepton/RH neutrinos/long-lived particles in CMS, comparison with dedicated efforts (Ship, FCC-ee)
Lopez Pavon, Jacobo	Testable leptogenesis scenarios and phenomenological implications
Bruijn, Ronald	Antares-km3
Larson, Michael	Icecube
Salvado, Jordi	Earth from atmospheric neutrinos
Ling, Jijie	Results of Daya Bay on the reactor antineutrino fluxes and θ_{13} measurement
Kopp, Joachim	Status of the reactor neutrino anomaly

Friday afternoon : Neutrinos, Cosmic rays and gravitation

Lhuillier, David	Short-Baseline Sterile Neutrino Searches - Latest results from the STEREO experiment
Lattanzi, Massimiliano	Neutrino masses from cosmology
Torre, Riccardo	Clockwork/Linear Dilaton: Structure and phenomenology
Bohacova, Martina	Auger
Li, Xiang	DAMPE Mission and Its First Results
Genolini, Yoann	DAMPE theory: A critical review
Cella, Giancarlo	Results of LIGO-VIRGO
Ezquiagada, Jose Maria	What we have learned from GW170817 about Dark Energy
Raidal, Martti	Primordial Black Holes as the DM

Saturday, March 17th

Summaries

Hewett, JoAnne	Theory Summary
Ceccucci, Augusto	Experimental Summary