

MORIOND 2017 EW Session March 19-25

Sunday March 19th

Morning Session : The SM BEH

Susumu Oda	Couplings and mass with 13 TeV data and expectations.
Giovanni Petrucciani	Evidence for ttH production with 13 TeV data?
Goetz Gaycken	2nd and 3rd generation couplings with 13 TeV data
Ulrich Haisch	Yukawas and trilinear H terms from loops
Luca Cadamuro	Search and prospects for HH production
Verena Martinez Outschoorn	Search for non standard Higgs states
Mark Andrew Owen	Top quark properties measurements at LHC (Mass, EW couplings)

Afternoon Session : SM measurements

Didar Dobur	Top quark production and decays at LHC
Pavol Bartos	Top Physics at Tevatron
Liang Han	EW masses (Tevatron)
Aram Apyan	EW precision measurements with Z and W (LHC)
Senka Duric	Studies of Diboson production at LHC
Gavin Salam	How bright is the proton?
Aldo Antognini	The proton radius from CREMA

YSF1

Monday March 20th

Morning Session : SM Measurements

Masaki Hori	Measurements from Asacusa
Alberto Ramos	Determination of $\alpha(M_Z)$ - The ALPHA collaboration
Michael Robert Trott	EW precision data and the 1-loop Z decay width in the SM effective theory
Nansi Andari	W mass measurement
Stefano Forte	PDFs and their uncertainties for W mass measurements
Gigi Rolandi	Analysis and discussion of the recent W mass measurement
Jens Erler	Precision in EW measurements at Run 2 and beyond

Afternoon session : BSM

Emma Siam Kuwertz	Pushing limits on generic squarks and gluinos at LHC at 13 TeV
Matthieu Pierre Marionneau	Progress with "electroweak-ino" searches with 13 TeV data.
Andreas Petridis	Cornering natural SUSY with 13 TeV
Jose Santiago Perez	One loop effective lagrangian after matching
Lesya Shchutska	Review: The way forward for SUSY at LHC and beyond
Yanyan Gao	Search for dijet resonances at high mass and other hadronic final states w/o MET with 13 TeV data
Daniele Teresi	A clockwork WIMP

YSF2

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Tuesday March 21st

Morning Session : BSM (cntd)

Rafaella Radogna	Search for dilepton resonances at high mass (Z' , W') and other non hadronic final states w/o MET with 13 TeV data
Hengne Li	Search for heavy resonance decaying in dibosons with 13 TeV data
Gilad Perez	Relaxion phenomenology
Noam Tal Hod	Search for other heavy resonance searches with 13 TeV data
Marie-Hélène Genest	Discussion: Extrapolation until end of Run2
Ben Allanach	Prompt signals and displaced vertices in sparticle searches
Wouter Hulsbergen	Search for long-lived particles at the LHC. Interpretation in different models.
Matthew McCullough	Clockwork theory

Afternoon Session : BSM

Aniello Spiezia	Search for other unconventional final states (dark photons, ...)
Daniel Litim	Asymptotic safety BSM
Toshiaki Kaji	Search for winos using a disappearing track signature in ATLAS
Nicolas Lurkin	Heavy neutrino searches & early NA62 results
Ulrich Nierste	EpsilonPrime/Epsilon: Standard Model and Supersymmetry
Wouter Dekens	EpsilonPrime from right-handed charged currents

YSF3

Wednesday March 22nd

Morning session : Heavy Flavours

Simone Bifani	Status of new physics searches and LFU tests with $b \rightarrow sll$ transitions @ LHCb
Guy Wormser	LFU tests with semitauonic decays @ LHCb
Joaquim Matias	$b \rightarrow sll$ anomalies: NP + uncertainties
Siim Tolk	Rare B and strange decays
Jorge Martin Camalich	$b \rightarrow c$ tau nu anomalies: NP + uncertainties
Michael Joseph Morello	Charm physics with LHCb
Peter Weidenkaff	Weak decay charm physics at BESIII
Giuliano Panico	A natural origin of the LHCb anomalies
Laurence Carson	CP violation with B hadrons at LHCb

Wednesday afternoon: Heavy Flavours

Shigeki Hirose	B to D tau nu and related tauonic B decays (Belle)
Markus Roehrken	Search for invisible decays of a dark photon at BaBar, and new CP violation results from combined BaBar+Belle measurements
Andreas Crivellin	New Physics explanations of the $b \rightarrow s \mu \mu$ anomalies
Adrian Bevan	Electroweak HF physics from ATLAS+CMS
Mauro Dinardo	New CMS results on $B_0 \rightarrow K^* \mu \mu$ decays studies
Jure Zupan	From current tensions to a heavy flavours experimental program
Giacomo Graziani	LHCb input for Cosmic Rays physics
Amarjit Soni	Lattice and the K unitarity triangle

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Thursday March 23rd

Morning session : Dark Matter & Axions

Alexander Madsen	Direct Search for Dark Matter in the Mono-X + MET final state at 13 TeV
Raffaele Angelo Gerosa	Search for the Dark Matter mediator (low mass dijet, 3rd generation, low mass dileptons, etc.) in CMS
Guillaume Giroux	Dark Matter Search Results from the PICO-60 C3F8 Bubble Chamber
David Moore	Table top searches for screened scalar interactions associated with dark energy
Julien Masbou	Dark matter direct detection experiments with xenon in dual phase
Belen Gavela	Axions and Axion Like Particles
Felix Kahlhoefer	WIMPS : How to hunt them and how to save them

Afternoon Session : DM & Axions

Camilo Garcia Cely	Self interacting DM for solving small scale problems
Lam Hui	Ultralight axion dark matter
Romain Gaior	DAMIC results and future plans
Carlos Tamarit	Axion-H portal-seesaw: solving 5 problems
Sergei Troitsky	Axion like Particles motivated by astrophysics
Aion Viana	Indirect dark matter searches with gamma-rays

Moriond Discussion

Friday March 24th

Morning session : Neutrinos & Astroparticles

Filip Jediny	New results on θ_{23} from NOvA
Takeshi Nakadaira	New results on CP from T2K
James Cline	Electroweak baryogenesis from a dark sector
Patrick Decowski	Recent Results and Status of the KamLAND-Zen Neutrinoless Double Beta Decay Experiment
Victoria Wagner	Background free search for neutrinoless double beta decay with Gerda Phase II
Thomas Carroll	New Constraints on Sterile Neutrinos with MINOS/MINOS+ and Daya Bay
Anselmo Meregaglia	Multi-detector results from the Double Chooz experiment
Thomas Schwetz	Neutrino Fits

Afternoon session : Neutrinos & Astroparticles

Cedric Weiland	Searching for heavy sterile neutrinos in kaon decays
João Pedro de André	New Results from ICECUBE : sterile neutrino search
Mikhail Danilov	Short baseline anomaly tests
Carlo Giunti	Oscillations beyond 3 neutrino mixing
Roberta Colalillo	Latest results from the Pierre Auger Observatory
Omar Miranda	New limits on neutrino magnetic moments

YSF4

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Saturday March 25th

Summaries

Tim Gershon	Experimental Summary
Alberto Casas	Theory Summary

YSF1

Baishali Dutta	WW production cross-section at LHC at 13 TeV (ATLAS)
Hualin Mei	Precision Higgs boson mass measurement using the $H \rightarrow ZZ^* \rightarrow 4l$ decay mode (CMS)
Pablo Quilez	Gauging lepton flavour
Juska Pekkanen	Jet Particology - Studying the Structure of Jets with the CMS Particle Flow Algorithm (CMS)

YSF2

Andrei Angelescu	Scalar +Z at LHC and ILC
Nathan Peter Readioff	Search for Z-photon resonances at 13 TeV with the ATLAS detector (ATLAS)
Hayato Ito	BSM Long lived particles: displaced vertex searches
Sarah Jones	Search for exotic signals using events with same-sign leptons + b-jets at 13 TeV (ATLAS)

YSF3

Ryan Edward Heller	Searches for supersymmetry using the sum of masses of large radius jets (CMS)
Tepei Kitahara	Epsilonprime and K to pi neutrino antineutrino correlations and new physics
Talal Chowdhury	Sommerfeld enhancement in Scotogenic model
Olcyr Sumensari	Leptoquark models for anomalies in B decays
Marco del Tutto	Neutrino Interactions in MicroBooNE

YSF4

Federico Betti	Measurement of $R(D^*)$ with three-prong tau decays at LHCb
Ulrich Eitschberger	Measurement of time dependent CP violation in $B_s \rightarrow D_s K$ decays with LHCb
Javier Fuentes	$b \rightarrow s$ 2 leptons anomalies from dynamical Yukawas
Aurelie Bonhomme	Status of the STEREO experiment, a search for sterile neutrino at ILL in Grenoble
Mick Mulder	The branching fraction and effective lifetime of $B(s) \rightarrow \mu\mu$ at LHCb with Run 2 data
Matic Lubej	Belle II and SuperKEKB
Matthias Vereecken	Implications of GW related searches for IceCube
Steven Calvez	$0\nu\beta\beta$ sensitivity with the SuperNEMO demonstrator