

Cargese 2014: MultiTeV Probes of the SM and beyond

Tuesday July 15

Brianza	Luca	Search for a Standard Model Higgs-like boson decaying into WW \rightarrow lvsqbar in exclusive jet bins
Bishara	Fady	Probing the Higgs-vector coupling with same-sign W bosons
Bélusca-Maïto	Hermès	Constraints on Higgs couplings via the effective approach
Schlaffer	Matthias	Very boosted Higgs in gluon fusion
Bizouard	Vincent	Higgs boson decay in a photon and a Z boson
Hespel	Benoît	Scalar boson pair production through gluon fusion in the SM and beyond
Nickel	Kilian	2-Loop Higgs Mass Corrections in Effective Potential Approach
Kim	Jongkuk	Higgs physics in UED

Wednesday July 16

Barak	Liron	Search for heavy charged Higgs
Das	Dipankar	Non-decoupling of charged scalar from Higgs to diphoton decay
Diessner	Philip	The Higgs and electroweak precision observable(s) in an R-Symmetric SUSY model
Waltari	Harri	Higgs bosons and spontaneous R-parity violation
Fuchs	Elina	Interference effects of Higgs bosons in the MSSM
Scoville	James	NMSSM in the Higgs alignment Limit
Drechsel	Peter	Precise predictions for Higgs-masses in the Next-to-Minimal Supersymmetric Standard Model
Hoffmann	Hanna	Dominant two-loop corrections to the trilinear Higgs couplings in the NMSSM

Thursday July 17

Beauchesne	Huques	Electroweak precision measurements in supersymmetric models with a U(1)R lepton number
Bernon	Jérémy	Baryonic R-parity violation and its running
Egana	Daniel	Tree level A-terms and the little a-mh problem
Grilli di Cortona	Giovanni	Searching SUSY from below
Kim	Jinsu	SUSY, seesaw, and Higgs inflation
Opferkuch	Toby	Froggatt-Nielsen models with a residual Z ₄ R symmetry
Krauss	Manuel	Decoupling of heavy sneutrinos in low-scale seesaw models

Friday July 18

Rey-Le Lorier	Nicolas	Phenomenology of Spin-One Top Partners
Ruiz Alvarez	Jose David	Single T' VLQ search at CMS
Santos Blasco	Joaquin	Electroweak chiral perturbation theory with fermions
Kim	Jeonghan	Light Generation Composite Quark Partners
Lim	Sung Hak	Recasting Higgs Searches into a Constraint on Composite Quark Partners
Fuksinska	Olga	Impact of time-varying vacuum expectation value of the background field on particle production
Dery	Avital	Asymmetric Lepton Flavor Violation in Higgs Decays

Tuesday July 22

Castedo Echeverri	Alejandro	Bounds on OPE coefficients in 4d CFTs
Page	Benjamin	Renormalization Without Counterterms
Rietkerk	Robbert	Imaginary parts of Wilson lines
Stoffer	Peter	Dispersive Approach to Hadronic Light-by-Light Scattering and the Muon g-2
Huang	Junwu	Search for ultralight scalars with Atomic clocks
Swiezewska	Boqumila	Higgs boson, inert dark matter and vacuum (meta)stability
Sutherland	Dave	A quantum theory of fluids

Wednesday July 23

Bonocore	Domenico	Soft gluons: a new level of precision
Karlberg	Alexander	NNLOPS accurate Drell-Yan production
Petrov	Petar	Collinear W tagging
Rauch	Thomas	Determination of the bottom quark mass from sum rules
Sato	Ryosuke	PeV neutrinos from right handed neutrino dark matter
Telem	Ofri	Flavor Textures from a Gauged Horizontal Symmetry
Vale Silva	Luiz Henrique	Right-handed currents in the quark sector

Thursday July 24

Lasenby	Robert	Long-lived annihilation/decay products from dark matter
Giacchino	Federica	Real Singlet Scalar DM and spectral features
Karamitros	Dimitrios	Doublet-Triplet Fermionic Dark Matter
Lamperstorfer	Anna	Constraining box-shaped gamma-ray features with CTA
Martini	Antony	MadDM: computation of direct detection using MadGraph5
Mohlabeng	Gopolang	Directional detection of Galactic Dark Matter
Slone	Oren	Direct Detection of Light Dark Matter