

DPF2015**Tuesday, August 4, 2015****EWK and Higgs Sector: Higgs coupling - Kalamazoo (2:00 PM - 3:30 PM)****-Conveners: Sally Dawson**

time	[id] title	presenter
2:00 PM	[16] Effective Lagrangians for Higgs Physics	CORBETT, Tyler
2:30 PM	[45] Measurement of the Higgs boson coupling strengths in the ATLAS experiment	ZHANG, Fangzhou

EWK and Higgs Sector: Higgs Properties - CP - Kalamazoo (4:00 PM - 6:00 PM)**-Conveners: Marc Sher**

time	[id] title	presenter
4:00 PM	[46] Study of the spin and parity of the Higgs boson in di-boson decays with the ATLAS detector	LU, Nan
4:30 PM	[307] Tools for the Higgs boson CP studies: JHUGen and MELA	ROSKES, Heshy
5:00 PM	[71] 125 GeV Higgs signal at the LHC in the CP-violating MSSM	Mr DAS, Biswaranjan

Wednesday, August 5, 2015

EWK and Higgs Sector: Vector Boson Scattering - Kalamazoo (2:00 PM - 3:30 PM)

-Conveners: Shih-Chieh Hsu

time	[id] title	presenter
2:00 PM	[323] Recent Standard Model electroweak measurements at ATLAS	WU, Yusheng
2:30 PM	[91] Multiboson measurements and limits on anomalous gauge couplings with the CMS experiment	KUNKLE, Joshua Milo
3:00 PM	[142] Deep Learning and Vector Boson Scattering	SEARCY, Jacob Alexander

EWK and Higgs Sector: Higgs Properties - Mass and Lifetime - Kalamazoo (4:00 PM - 6:00 PM)

-Conveners: Ian Lewis

time	[id] title	presenter
4:00 PM	[85] Combined Measurement of the Higgs Boson Mass in pp Collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS and CMS Experiments	YANG, Hongtao
4:30 PM	[75] Lifetime and quantum numbers of the Higgs boson using the decay $H \rightarrow 4\ell$	MARTIN, Christopher Blake
5:00 PM	[95] The lifetime of the electroweak vacuum	SHER, Marc

Thursday, August 6, 2015

EWK and Higgs Sector: Electroweak Measurement - Kalamazoo (2:00 PM - 3:30 PM)

-Conveners: Sara Lynn Dawson

time	[id] title	presenter
2:00 PM	[354] Physics prospects of the ZZ production measurements with the ATLAS experiment at LHC RUN2	Dr GENG, Cong
2:30 PM	[31] Measurement of the Muon Charge Asymmetry for W Bosons Produced in Inclusive $pp \rightarrow W(\mu\nu) + X$ at $\sqrt{s} = 8$ TeV	OGUL, Hasan
2:50 PM	[192] Improving parton distribution uncertainties in a W mass measurement at the LHC	SULLIVAN, Zack

EWK and Higgs Sector: New Higgs Production - Kalamazoo (4:00 PM - 5:40 PM)

-Conveners: Christopher Carl Neu

time	[id] title	presenter
4:00 PM	[83] Usefulness of effective field theory in Higgs plus jet production	LEWIS, Ian
4:25 PM	[23] New Physics in Double Higgs Production	ISMAIL, Ahmed
4:50 PM	[66] Search for associated production of a Higgs boson with a single top quark	BLOOM, Kenneth
5:15 PM	[176] Searches for associated top quark and Higgs boson production at the ATLAS experiment	ONYISI, Peter

Friday, August 7, 2015

EWK and Higgs Sector: Flavor Violation Decay of Higgs - Kalamazoo (2:00 PM - 3:30 PM)

-Conveners: Howard Haber

time	[id] title	presenter
2:00 PM	[297] Flavor Violating Heavy Higgs Decays at the LHC	ALTUNKAYNAK, Baris
2:30 PM	[170] Search for LFV decays with Hadronic Taus of the Higgs with 2012 Data (ATLAS)	CLARKE, Robert Najem
3:00 PM	[273] Search for Lepton Flavor Violating Decays of the Higgs Boson (CMS)	KELLAMS, Nathan Marshall

EWK and Higgs Sector: Future Prospects - Kalamazoo (4:00 PM - 6:00 PM)

-Conveners: Jim Brau

time	[id] title	presenter
4:00 PM	[6] Probing Flavon-Higgs mixing effects at future colliders	Prof. DIAZ-CRUZ, Lorenzo
4:30 PM	[290] Higgs Production at Extremely Large Transverse Momentum	ZHANG, Hong
5:00 PM	[248] The Higgs Physics Program at the International Linear Collider	STRUBE, Jan Fridolf STRUBE, Jan Fridolf STRUBE, Jan Fridolf