



# 2019 Meeting of the Division of Particles & Fields of the American Physical Society

## Monday 29 July 2019

### Quark & Lepton Flavor - Shillman 325 (14:00 - 15:30)

-Conveners: J Michael Williams; Bertrand Echenard; Wolfgang Altmannshofer; Brian Beckford

time	[id] title	presenter
14:00	[344] Probing Hidden Sectors with Flavor	EVANS, Jared
14:20	[83] Dark Sectors at LHCb	WEISSER, Constantin
14:40	[249] New results on the search for rare kaon events with the KOTO detector	Dr BECKFORD, Brian
15:00	[290] Status on the Search for $K_L^0 \rightarrow \pi^0 \nu \bar{\nu}$ with the KOTO Experiment	Ms HUTCHESON, Melissa

### Quark & Lepton Flavor - Shillman 325 (16:00 - 18:00)

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time	[id] title	presenter
16:00	[376] Lepton Flavor Violation	PASSEMAR, Emilie
16:20	[86] The MEG II experiment in search of $\mu \rightarrow e \gamma$	UCHIYAMA, Yusuke
16:40	[352] A Search for the Neutrinoless Conversion of Muons to Electrons with the Mu2e Experiment	Dr WANG, Yaqian
17:00	[423] A PIP-II Mu2e Experiment	Prof. CUMMINGS, Mary Anne
17:20	[102] The Fermilab Muon g-2 straw tracking detectors and the muon EDM measurement	LUKICOV, Gleb LUKICOV, Gleb
17:40	[403] Leading order hadronic vacuum polarization contribution to the muon anomalous magnetic moment from the FNAL/HPQCD/MILC collaborations	GOTTLIEB, Steven

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time	[id] title	presenter
14:00	[121] Charm CP Violation	SCHACHT, Stefan
14:20	[30] Hadronic charm decays at BESIII	MURAMATSU, Hajime
14:40	[29] Semileptonic and leptonic charm decays at BESIII	GILMAN, Alex
15:00	[82] Measurements of charmed baryon decays from LHCb	WILKINSON, Michael Kent

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16:00	[213] Results on Lepton Flavor Universality Tests at LHCb	Dr HAMILTON, Phoebe
16:20	[292] An EFT look at LFUV in $b \rightarrow s \ell \ell^+ \ell^-$	VALLI, Mauro
16:40	[154] Reducing Uncertainties in $B \rightarrow X_s \gamma$ Decay	GUNAWARDANA, Ayesh
17:00	[422] Update on Semileptonic Decays via Lattice QCD	Dr JAY, William
17:20	[13] Determination of $b$ -quark pole mass and $\overline{m}_s$ running mass from H1 and ZEUS beauty vertex production data	Mr B. SHOKOUHI, Alireza
17:40	[289] CANCELED Semileptonic $B \rightarrow s \ell \ell$ decays	ROBINSON, Dean

# Wednesday 31 July 2019

## Quark & Lepton Flavor - Shillman 325 (14:00 - 15:30)

-Conveners: J Michael Williams; Brian Beckford; Wolfgang Altmannshofer; Bertrand Echenard

time	[id] title	presenter
14:00	[116] Progress in lattice QCD for B physics	Prof. MEINEL, Stefan
14:20	[233] Belle II Commissioning, First Results, and Future Prospects	LIPTAK, Zachary
14:40	[215] LHCb upgrades I and II	FRANCO SEVILLA, Manuel
15:00	[34] The UT silicon tracker for LHCb's Upgrade I	POLYAKOV, Ivan

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16:00	[122] Observation of Pentaquarks at LHCb	CRAIK, Dan
16:20	[389] Perturbative Corrections to Heavy Quark-Diquark Symmetry Predictions for Doubly Heavy Baryon Hyperfine Splittings	MOHAPATRA, Abhishek
16:40	[33] Some interesting aspects of $\Lambda_b$ baryon decays	Mr VENKATESWARAN, Aravindhan
17:00	[435] Revisiting XEFT for the study of X(3872)	Dr DAI, Lin
17:20	[183] Study of $Z_c(3900)$ production in $p\bar{p}$ collisions	GUTIERREZ, Phillip