

The Project X Physics Study

Saturday, 16 June 2012

Lattice QCD: EDMs - WH2SE Comitium (11:00 - 12:30)

-Conveners: Thomas Blum; Ruth Van de Water

time	[id] title	presenter
11:00	[62] EDM of the nucleon and light nuclei in Chiral Effective Theory	MEREGHETTI, Emanuele
11:30	[49] Neutron EDM from Lattice QCD	SHINTANI, Eigo
12:00	[51] Neutron Electric Dipole Moment in the Standard Model and beyond from Lattice QCD	BHATTACHARYA, Tanmoy

Lattice QCD: nucleon decay - WH2SE Comitium (16:00 - 17:30)

-Conveners: Tom Blum; Ruth Van de Water

time	[id] title	presenter
16:00	[52] Proton Decay Matrix Elements from Lattice QCD	IZUBUCHI, Taku
16:30	[53] Probing TeV Physics through Lattice Neutron-Decay Matrix Elements	COHEN, Saul
17:00	[64] High-precision measurements of g_A and g_V in neutron decay	PLASTER, Brad

Monday, 18 June 2012

Lattice QCD: muon g-2 - WH2SE, Comitium (09:00 - 10:30)

-Conveners: Tom Blum; Ruth Van de Water

time	[id] title	presenter
09:00	[56] Hadronic vacuum polarization contribution to muon g-2 using staggered fermions	AUBIN, Christopher
09:30	[57] Hadronic vacuum polarization to muon g-2 using twisted-mass fermions	RENNER, Dru
10:00	[58] Hadronic light-by-light contribution to muon g-2 from Lattice QCD	BLUM, Thomas

Lattice QCD: pion and kaon physics - WH2SE, Comitium (14:00 - 15:30)

-Conveners: Tom Blum; Ruth Van de Water

time	[id] title	presenter
14:00	[55] Status of pion and kaon physics from Lattice QCD	LAIHO, Jack
14:45	[54] Computing K -> pi pi decay and the KL-KS mass difference from lattice QCD	CHRIST, Norman

Tuesday, 19 June 2012

Lattice QCD: muon $g-2$ - WH2SE, Comitium (09:00 - 10:30)

-Conveners: Thomas Blum; Ruth Van de Water

time	[id] title	presenter
09:00	[59] The anomaly triangle and $g-2$	PERIS, Santi
09:30	[60] Neutral pion to two-photon decays from Lattice QCD	COHEN, Saul
10:00	[61] New methods for lattice-QCD calculations of the hadronic light-by-light contribution to $g-2$	IZUBUCHI, Taku

Lattice QCD: computing - WH2SE - Comitium (14:00 - 15:30)

-Conveners: Thomas Blum; Ruth Van de Water

time	[id] title	presenter
14:00	[63] Future computing resources for lattice gauge theory	HOLMGREN, Don
14:30	[216] Discussion	