



# The 33rd International Symposium on Lattice Field Theory (Lattice 2015)

## Tuesday, 14 July 2015

### Standard Model Parameters and Renormalization - 404 (14:00 - 16:00)

-Conveners: Francesco Knechtli

time	[id] title	presenter
14:00	[226] A status update on the ALPHA collaboration's project to determine the Lambda-parameter in 3-flavour QCD	SINT, Stefan
14:20	[141] Prospects and status of quark mass renormalization in three-flavour QCD	Dr FRITZSCH, Patrick
14:40	[138] Non-perturbative renormalization of tensor bilinears in Schrodinger Functional schemes	Mr PRETI, David
15:00	[153] Scale determination for the CLS 2+1 ensembles	SCHAEFER, Stefan
15:20	[320] Perturbative renormalization of $\Delta S = 2$ four-fermion operators with the chirally rotated Schrödinger functional	Dr VILASECA MAINAR, Pol
15:40	[205] The chirally rotated Schrödinger functional at work	Dr DALLA BRIDA, Mattia

### Standard Model Parameters and Renormalization - 404 (16:30 - 18:30)

-Conveners: Stefan Schaefer

time	[id] title	presenter
16:30	[53] Non-perturbative renormalization of the static quark theory in a large volume	Dr KORCYL, Piotr
16:50	[282] Implementation of a non-perturbative matching strategy between heavy-light currents in HQET and QCD	Mr WITTEMEIER, Christian
17:10	[212] Perturbative versus non-perturbative decoupling of heavy quarks	Prof. KNECHTLI, Francesco
17:30	[225] Nonperturbative renormalization in the RI-SMOM scheme and Gribov copies for staggered bilinears	Mr PARK, Sungwoo
17:50	[300] NPR determination of quark masses from the HISQ action	Dr LYTTLE, Andrew
18:10	[317] Electromagnetic effects on the light pseudoscalar mesons and determination of $m_u/m_d$	Prof. GOTTLIEB, Steven

# Wednesday, 15 July 2015

## Standard Model Parameters and Renormalization: with Hadron Spectroscopy and Interactions - 404 (14:00 - 16:00)

-Conveners: Patrick Fritzschn

time	[id] title	presenter
14:00	[193] Lattice input on the tau $V_{us}$ puzzle	MALTMAN, Kim
14:20	[134] Scalar and vector form factors of $D \rightarrow \pi \ell \ell \nu$ decays with $N_f=2+1+1$ Twisted fermions	Mr LAMI, Paolo
14:40	[240] $N_f=2+1+1$ renormalisation of four-quark operators	Dr FRISON, Julien
15:00	[119] The leading hadronic contribution to $\gamma$ - $Z$ mixing	Ms GUELPERS, Vera
15:20	[224] Determining the scale in Lattice QCD	HORSLEY, Roger
15:40	[270] QCD spectroscopy and quark mass renormalisation in external magnetic fields with Wilson fermions	Dr BRANDT, Bastian

## Standard Model Parameters and Renormalization - 404 (16:30 - 18:10)

-Conveners: Stefan Sint

time	[id] title	presenter
16:30	[245] Analysis of short distance current correlators using OPE	Mr TOMII, Masaaki
16:50	[228] Charmonium current-current correlators with Mobius domain-wall fermion	NAKAYAMA, katsumasa
17:10	[75] Determining the QCD coupling from lattice vacuum polarization	LEWIS, Randy
17:30	[227] Light quark masses from infrared fixed point	Prof. SCHIERHOLZ, Gerrit
17:50	[217] Clover fermions in Numerical Stochastic Perturbation Theory	Dr BRAMBILLA, Michele