



# Lattice 2024

## Tuesday 30 July 2024

### Standard Model parameters: TR5 (16:15 - 17:15)

-Conveners: Aida El-Khadra

time	[id] title	presenter
16:15	[202] Leptonic decays of charmed mesons with Wilson quarks on $N_{\text{f}} = 2+1$ CLS ensembles	SOELDNER, Wolfgang
16:35	[322] Form factor in semileptonic decay of D meson	SHEN, Tinghong
16:55	[433] The Cabibbo Angle from Inclusive $\tau$ Decays	GAGLIARDI (ON BEHALF OF THE ETM COLLABORATION), Giuseppe

# Thursday 1 August 2024

## Standard Model parameters: TR6 (09:00 - 11:00)

-Conveners: Chik Him Wong

time	[id] title	presenter
09:00	[45] Quark mass determination using various fermion actions	YANG, Yi-Boo
09:20	[130] Gradient Flow for Quark Mass Determination	TAKAURA, Hiromasa
09:40	[120] The hadronic contribution to the running of $\alpha$ and the electroweak mixing angle	CONIGLI, Alessandro
10:00	[204] $\mathcal{O}(a)$ improvement of the flavour singlet scalar density in a setup with Wilson fermions	PETRAK, Pia Leonie Jones
10:20	[301] Non-singlet axial current improvement for massless and massive sea quarks	KUHLMANN, Justus T.

## Standard Model parameters: TR6 (11:30 - 12:30)

-Conveners: Amarjit Soni

time	[id] title	presenter
11:30	[79] RG running from step-scaling matrices in $\overline{\text{SF}}$ schemes for $\Delta\tau = 2$ Four-Fermion Operators	MARINELLI, Riccardo
11:50	[295] RIMOM renormalization using domain wall and staggered fermions	CAI, Mengchu
12:10	[432] Strong coupling constant in (2+1+1)-flavor QCD	LEINO, Viljami

# Friday 2 August 2024

## Standard Model parameters: TR7 (14:15 - 16:15)

-Conveners: Stefan Sint

time	[id] title	presenter
14:15	[276] Cutoff effects and scale determinations in pure gauge theory	RAMOS, Alberto
14:35	[372] The scales $r_0$ & $r_1$ in $N_f=2+1$ QCD.	ASMUSSEN, Tom
14:55	[397] Scale setting from a combination of lattice QCD formulations with Wilson and Wilson twisted mass valence quarks	SAEZ-GONZALVO, Alejandro
15:15	[446] Scale setting on the 2+1+1 HISQ ensembles: progress report	BAZAVOV, Alexei
15:35	[365] Progress on the infinite volume based gradient flow for high precision determination of the $\Lambda_{\bar{MS}}$ scale of QCD.	WONG, Chik Him
15:55	[466] Precision determination of the Wilson-flow scale $w_0$	WANG FOR THE BMW COLLABORATION, Gen