

# Thursday, 1 August 2024

## Hadronic and nuclear spectrum and interactions: LT1 (09:00 - 11:00)

-Conveners: Sinya Aoki

time	[id] title	presenter
09:00	[33] Scalar and tensor charmonium resonances in coupled-channel scattering	WILSON, David
09:20	[69] Extraction of the S and P wave $DD^*$ scattering phase shifts using twisted boundary conditions	NAGATSUKA, Masato
09:40	[232] $DK/D\pi$ scattering and an exotic virtual bound state at the SU(3) flavour symmetric point	YEO, Daniel
10:00	[296] Near-threshold states in coupled $DD^{\dagger}D^{\dagger}D^{\dagger}$ scattering from lattice QCD	WHYTE, Travis
10:20	[305] Open-charm axial-vector and tensor meson resonances from Lattice QCD	LANG, Nicolas
10:40	[143] $X(3872)$ relevant $D\bar{D}^*$ scattering in $N_f=2$ lattice QCD	SHI, Chunjiang

## Hadronic and nuclear spectrum and interactions: TR5 (09:00 - 11:00)

-Conveners: Felix Erben

time	[id] title	presenter
09:00	[319] Relativistic corrections to the quark-anti-quark static potential with gradient flow	EICHBERG, Michael
09:20	[148] $1^{+-}$ Light Hybrid Decay	CHEN, Siyang
09:40	[437] Towards glueball scattering in lattice Yang-Mills theory	HANSEN, Maxwell
10:00	[56] Scattering of Dark Pions in Sp(4) gauge theory	DENGLER, Yannick
10:20	[211] Results on meson-meson scattering at large $N_c$	BAEZA-BALLESTEROS, Jorge
10:40	[201] Precise decay rate for $\eta_b \rightarrow \gamma\gamma$ with Highly Improved Staggered Quarks	COLQUHOUN, Brian

## Hadronic and nuclear spectrum and interactions: LT1 (11:30 - 12:30)

-Conveners: William Detmold

time	[id] title	presenter
11:30	[60] Left-hand cut and the HAL QCD method	AOKI, Sinya
11:50	[484] The Lüscher scattering formalism on the left-hand cut: an update	RAPOSO, Andre
12:10	[81] The finite-volume spectrum in the presence of a long-range force	Dr RUSSETSKY, Akaki

## Hadronic and nuclear spectrum and interactions: TR5 (11:30 - 12:30)

-Conveners: Fernando Romero-Lopez

time	[id] title	presenter
11:30	[339] Lattice calculation of hadron spectrum including isospin breaking effect	Mr LU, Chenfei
11:50	[318] Error Scaling of Sea Quark Isospin-Breaking Effects	COTELLUCCI, Alessandro

12:10	[332] Update on the isospin breaking corrections to the HVP with C-periodic boundary conditions	PARATO, Letizia
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