



# Exotic Hadron Spectroscopy 2024

## Tuesday, 2 July 2024

### Talks - Singleton Park Campus (09:00 - 10:40)

-Conveners: Mark Whitehead

time	[id] title	presenter
09:00	[27] Welcome	BURNS, Timothy
09:10	[26] Exotic Hadrons at BESIII	Dr KÜSSNER, Meike
09:40	[23] Recent results from GlueX	JARVIS, Naomi
10:10	[5] Dispersive analysis of the $\sigma$ resonance, in $\pi\pi$ scattering, from lattice QCD	RODAS BILBAO, Arkaitz

### Talks - Singleton Park Campus (11:20 - 12:50)

-Conveners: Muhammad Naeem Anwar

time	[id] title	presenter
11:20	[14] Studies of hadron spectroscopy at Belle and Belle II	SONG, Weimin
11:50	[8] Scalar and Tensor charmonium resonances from lattice QCD	WILSON, David
12:20	[4] Born-Oppenheimer Approximation for Hidden-Heavy Exotic Hadrons	Dr BRUSCHINI, Roberto

### Talks - Singleton Park Campus (14:00 - 15:30)

-Conveners: Mikhail Bashkanov

time	[id] title	presenter
14:00	[17] Partial Wave Analysis for Pion-Induced Resonance Studies in the HADES Experiment	FODA, Ahmed Marwan
14:30	[18] Studies of Baryon Transition Form Factors with HADES	CIEPAŁ, Izabela
15:00	[22] The MUon Scattering Experiment	NICOL, Matthew

### Talks - Singleton Park Campus (16:00 - 17:00)

time	[id] title	presenter
16:00	[28] Colloquium: Precision measurements of antihydrogen in ALPHA at CERN	ERIKSSON, Stefan

# Wednesday, 3 July 2024

## Talks - Singleton Park Campus (09:00 - 10:30)

-Conveners: Timothy Burns

time	[id] title	presenter
09:00	[25] Latest results on exotic spectroscopy from LHCb	Dr WHITEHEAD, Mark
09:30	[13] Structure of doubly charm exotic state Tcc from lattice QCD	BARU, Vadim
10:00	[29] Effective range and radiative decays of X(3872)	POLOSA, Antonio

## Talks - Singleton Park Campus (11:10 - 12:40)

-Conveners: Christopher Thomas

time	[id] title	presenter
11:10	[30] Open flavour tetraquarks in broken flavour symmetry	MAIANI, Luciano
11:40	[21] Hadronic molecules in the single and double charm sector	HANHART, Christoph
12:10	[6] Dibaryons and dimesons with heavy quarks using lattice QCD	MADANAGOPALAN, Padmanath

## Talks - Singleton Park Campus (14:00 - 15:30)

-Conveners: Christoph Hanhart

time	[id] title	presenter
14:00	[10] Importance of polarisation observables in extraction of resonance properties.	Dr BASHKANOV, Mikhail
14:30	[12] The quenched glueball spectrum from smeared spectral densities	SMECCA, Antonio
15:00	[24] J/psi near-threshold photoproduction off the proton and neutron with CLAS12"	Dr MCKINNON, Bryan

## Talks - Singleton Park Campus (16:00 - 17:15)

-Conveners: Timothy Burns

time	[id] title	presenter
16:00	[1] One Born Oppenheimer Effective Theory for all Exotics	MOHAPATRA, Abhishek
16:25	[9] Spectroscopy of lattice gauge theories from spectral densities	FORZANO, Niccolo
16:50	[15] BSM physics from Sp(2N) gauge Theory: Meson Spectroscopy and Scattering	ZIERLER, Fabian

# Thursday, 4 July 2024

## Talks - Singleton Park Campus (09:00 - 10:45)

time	[id] title	presenter
09:00	[7] Meson-meson scattering at large $N_c$	BAEZA-BALLESTEROS, Jorge
09:30	[11] Elucidating Strangeness With Electromagnetic Probes	ACAR, Asli
09:55	[3] Pion mass dependence in $D\pi$ scattering and the $D_0^{*(2300)}$ resonance from lattice QCD	Mr YAN, Haobo
10:20	[31] Tetraquark mass relations and structure of charm-full tetraquarks	Dr ANWAR, Muhammad Naeem

## Talks - Singleton Park Campus (11:15 - 12:30)

-Conveners: Bryan McKinnon

time	[id] title	presenter
11:15	[2] Meson-antimeson threshold effects on quarkonium spectrum in an EFT formalism	SCIRPA, Tommaso
11:40	[16] The KLong Facility in Hall D at Jefferson Lab	FEGAN, Stuart
12:05	[19] Light Meson Structure in Jefferson Lab Hall C - Recent Measurements and Future Prospects	KAY, Stephen