



# HADRON2023

## Monday, June 5, 2023

### Hadrons and physics beyond the standard model: Session 1 - DAD - Room 0B (2:00 PM - 4:00 PM)

-Conveners: Frank Maas

time	[id] title	presenter
2:00 PM	[272] Hadronic contributions to the muon $g-2$ from lattice QCD	BRUNO, Mattia
2:25 PM	[266] Data-driven approximations to the Hadronic Light-by-Light scattering contribution to the muon ( $g-2$ )	ROIG, Pablo
2:50 PM	[324] Experimental input to the hadronic corrections of the muon $g-2$	REDMER, Christoph Florian
3:15 PM	[100] Radiative corrections in semileptonic tau decays	MIRANDA HERNÁNDEZ, Jesús Alejandro
3:35 PM	[47] R value measurements at BESIII	DE MORI, Francesca

### Hadrons and physics beyond the standard model: Session 2 - DAD - Room 0B (4:30 PM - 6:30 PM)

-Conveners: Mattia Bruno

time	[id] title	presenter
4:30 PM	[335] Low-Energy Experiments for the determination of the Electroweak Mixing Angle and the P2 experiment	MAAS, Frank
4:55 PM	[291] The MOLLER Experiment: An Ultra-Precise Measurement of the Weak Mixing Angle using Møller Scattering	JONES, Donald
5:20 PM	[185] The CEvNS experiment at Jefferson Lab	GRAZZI, Stefano
5:40 PM	[271] Neutron electric dipole moments in lattice QCD with background field method	SYRITSYN, Sergey

# Tuesday, June 6, 2023

## Hadrons and physics beyond the standard model: Session 3 - DAD - Room 0B (2:00 PM - 4:00 PM)

-Conveners: Mikhail Gorshteyn

time	[id] title	presenter
2:00 PM	[155] Latest results and precision measurements from the NA62 experiment	PINZINO, Jacopo
2:25 PM	[43] Hyperon physics at BESIII	BATOZSKAYA, Varvara
2:45 PM	[275] Thermal QCD axion production from the early universe	NOTARI, Alessio NOTARI, Alessio
3:10 PM	[278] Dark Matter search with the BDX-MINI experiment	SPREAFICO, Marco
3:35 PM	[289] Search for Light Dark Matter with POKER	MARSICANO, Luca

## Hadrons and physics beyond the standard model: Session 4 - DAD - Room 0B (4:30 PM - 6:30 PM)

-Conveners: Lorenzo Pagnanini

time	[id] title	presenter
4:30 PM	[148] Neutrinoless Double-Beta Decay from Lattice QCD	GREBE, Anthony
4:55 PM	[282] The search for neutrinoless double beta decay	TOMEI, Claudia
5:20 PM	[80] The CUORE and CUPID double beta decay experiments	DELL'ORO, Stefano

# Wednesday, June 7, 2023

## Hadrons and physics beyond the standard model: Session 5 - DAD - Room 0B (2:00 PM - 4:10 PM)

-Conveners: Pablo Roig; Claudia Tomei

time	[id] title	presenter
2:00 PM	[85] Probing low-energy QCD and BSM physics with light meson decays	GONZALEZ-SOLIS, Sergi
2:20 PM	[15] Hadronic structure in BSM searches with CKM unitarity	GORSHTEYN, Mikhail
2:40 PM	[23] The Primakoff Experimental Program at Jefferson Lab	Prof. GAN, Liping
3:00 PM	[169] Sensitivity of the $\eta(\prime) \rightarrow \pi^0\gamma\gamma$ and $\eta' \rightarrow \eta\gamma\gamma$ decays to a sub-GeV leptophobic U(1)B boson	GONZALEZ-SOLIS, Sergi
3:20 PM	[257] Assessing the spectral shape of forbidden beta decays	Dr PAGNANINI, Lorenzo
3:45 PM	[287] Non-standard Mechanisms of Double Beta Decay	DEPPISCH, Frank

# Thursday, June 8, 2023

## Hadrons and physics beyond the standard model: Session 7 - DAD - Room 0B (2:00 PM - 4:00 PM)

-Conveners: Javier Virto

time	[id] title	presenter
2:00 PM	[181] New physics in semi-leptonic tau decays	DÍAZ CALDERÓN, David
2:20 PM	[237] The role of convergence methods as fitting functions in the context of the MuonE experiment	Mr ROJAS, Camilo
2:40 PM	[219] The Heavy Photon Search experiment at Jefferson Lab	CELENTANO, Andrea
3:05 PM	[14] Investigating the dark sector with the PADME experiment	GIANOTTI, Paola

# Friday, June 9, 2023

## Hadrons and physics beyond the standard model: Session 8 - DAD - Room 0B (9:00 AM - 11:00 AM)

-Conveners: Elisabetta Spadaro Norella

time	[id] title	presenter
9:00 AM	[90] Rare B decays in the LHC era	VIRTO, Javier
9:25 AM	[175] Lepton Flavour Universality tests using semileptonic b-hadron decays	BENANE, Gaya
9:50 AM	[39] Study of new physics effects in $\bar{B}_s \rightarrow D^{(*)}_s \tau^+ \bar{\nu}_\tau$ semileptonic decays using Standard Model lattice QCD form factors and heavy quark effective theory	PENALVA, Neus
10:10 AM	[50] Search for rare decays at BESIII	ZHENG, Bo
10:30 AM	[331] Effective field theories for neutrinoless double-beta decay	MENENDEZ, Javier