



# Fifth Plenary Workshop of the Muon g-2 Theory Initiative

## Monday 05 September 2022

### HVP lattice - Lecture Theatre A (09:00-10:30)

-Conveners: Aida El-Khadra

time	[id] title	presenter
09:00	[19] update from BMW	LELLOUCH, Laurent
09:30	[20] update from RBC/UKQCD	LEHNER, Christoph
10:00	[21] update from FNAL/HPQCD/MILC	NEIL, Ethan

### HVP lattice - Lecture Theatre A (11:00-12:30)

-Conveners: Hartmut Wittig

time	[id] title	presenter
11:00	[22] HVP contribution to $(g-2)_\mu$ : status of the Mainz calculation	KUBERSKI, Simon
11:30	[23] Discussion: IB/schemes	Prof. PORTELLI, Antonin

### HVP lattice - Lecture Theatre A (14:00-15:30)

-Conveners: Maarten Golterman

time	[id] title	presenter
14:00	[24] Time windows of the muon HVP from twisted mass lattice QCD	GAGLIARDI, Giuseppe
14:30	[25] Muon g-2 with overlap valence fermions	WANG, Gen
15:00	[26] Is the lattice spacing small enough for the muon anomalous magnetic moment with staggered fermions ?	BLUM, thomas

### HVP lattice - Lecture Theatre A (16:00-17:30)

-Conveners: Christoph Lehner

time	[id] title	presenter
16:00	[27] update from RC*	KOMIJANI, Javad
16:30	[28] Discussion: g-2 window	STOFFER, Peter

# Wednesday 07 September 2022

## HVP lattice - Lecture Theatre A (11:00-13:00)

-Conveners: Steven Gottlieb

time	[id] title	presenter
11:00	[43] The hadronic running of the electromagnetic coupling from lattice QCD	CÈ, Marco
11:30	[44] IB for tau decays	BRUNO, Mattia
12:00	[45] A data-based route to the disconnected contribution to $a_{\mu}^{\text{HVP}}$	MALTMAN, Kim
12:30	[46] Spectral-weight sum rules for the hadronic vacuum polarization	GOLTERMAN, Maarten