

Session Program

Sep 5 - 9, 2022

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

HVP lattice

James Clerk Maxwell Building, Lecture Theatre A
Peter Guthrie Tait Road Edinburgh EH9 3FD, UK

Mon, September 5

9:00 AM

HVP lattice

Session |

Location: James Clerk Maxwell Building, Lecture Theatre A, Peter Guthrie Tait Road Edinburgh EH9 3FD, UK |

Convener: Aida El-Khadra

09:00 - 09:30 **update from BMW**

Speaker

Laurent Lellouch

09:30 - 10:00 **update from RBC/UKQCD**

Speaker

Christoph Lehner

10:00 - 10:30 **update from FNAL/HPQCD/MILC**

Speaker

Ethan Neil

10:30 AM

11:00 AM

HVP lattice

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Convener: Hartmut Wittig

11:00 - 11:30 **HVP contribution to $(g-2)_\mu$: status of the Mainz calculation**

Speaker

Simon Kuberski

11:30 - 12:30 **Discussion: IB/schemes**

Speaker

Prof. Antonin Portelli

12:30 PM

2:00 PM

HVP lattice

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Convener: Maarten Golterman

14:00 - 14:30 **Time windows of the muon HVP from twisted mass lattice QCD**

Speaker

Giuseppe Gagliardi

14:30 - 15:00 **Muon $g-2$ with overlap valence fermions**

Speaker

Gen Wang

15:00 - 15:30

Is the lattice spacing small enough for the muon anomalous magnetic moment with staggered fermions ?

Speaker

thomas blum

3:30 PM

4:00 PM

HVP lattice

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Convener: Christoph Lehner

16:00 - 16:30 **update from RC***

Speaker

Javad Komijani

16:30 - 17:30 **Discussion: g-2 window**

Speaker

Peter Stoffer

5:30 PM

Wed, September 7

11:00 AM

HVP lattice

Session |**Location:** James Clerk Maxwell Building, Lecture Theatre A, Peter Guthrie Tait Road Edinburgh EH9 3FD, UK |**Convener:** Steven Gottlieb

11:00 - 11:30

The hadronic running of the electromagnetic coupling from lattice QCD

Speaker

Marco Cè

11:30 - 12:00

IB for tau decays

Speaker

Mattia Bruno

12:00 - 12:30

A data-based route to the disconnected contribution to a_μ^{HVP}

Speaker

Kim Maltman

12:30 - 13:00

Spectral-weight sum rules for the hadronic vacuum polarization

Speaker

Maarten Golterman

1:00 PM