

Session Program

16-20 Nov 2020

**The hadronic vacuum polarization from
lattice QCD at high precision**

Specific topic

Tuesday 17 November

16:50

Specific topic: Disconnected HVP

Session | **Location:** online | **Convener:** Harvey Byron Meyer

16:50–17:00

Disconnected HVP

Speaker

Harvey Meyer

17:00–17:05

Disconnected HVP from BMWc

Speaker

Balint Toth

17:45

Wednesday 18 November

15:05

Specific topic: Discretization effects and continuum extrapolation

Session | **Location:** online | **Convener:** Ruth Van de Water

15:05–15:15 **Discretization effects and continuum extrapolation**

Speaker

Ruth Van de Water

15:15–15:20 **Logarithmic corrections to a^n behaviour**

Speaker

Nikolai Andre Husung

15:20–15:25 **Taste improvement in the HVP contribution to the muon $g-2$**

Speaker

Laurent Lellouch

15:55

16:05

Specific topic: Scale setting

Session | **Location:** online | **Convener:** Kalman Szabo

16:05–16:15 **Scale setting**

Speaker

Kalman Szabo

16:15–16:20 **High precision scale setting**

Speaker

Lukas Varnhorst

16:20–16:25 **M_Ω scale setting with HISQ**

Speaker

Aaron Meyer

16:25–16:30 **w_0 scale setting from charmonium**

Speaker

Daniel Hatton

16:55

17:05

Specific topic: QED + Isospin breaking

Session | **Location:** online | **Convener:** Vera Guelpers

17:05–17:15 **QED + Isospin breaking**

Speaker

Vera Guelpers

17:15–17:20 **HVP with C^* boundary conditions**

Speaker

Marina Krstic Marinkovic

17:20-17:25

Leading isospin breaking effects in the anomalous magnetic moment of the muon

Speaker

Andreas Risch

17:55

Thursday 19 November

15:05

Specific topic: Finite-size effects

Session | **Location:** online | **Convener:** Maarten Golterman

15:05–15:15 **Finite-size effects**

Speaker

Maarten Golterman

15:15–15:20

The timelike pion form factor and finite-size corrections to the vector correlator

Speaker

Harvey Meyer

15:20–15:25

Correcting finite-size effects in the HVP contribution to the muon g-2 using large-volume lattice QCD simulations

Speaker

Laurent Lellouch

15:25–15:30

Finite-volume corrections to the vector correlator from space-like observables

Speaker

Maxwell Hansen

15:30–15:35

FV effects in the EFT of a_μ^{HVP}

Speaker

santiago peris

15:35–15:40

Finite-volume effects for the strong isospin-breaking contribution

Speaker

Christoph Lehner

15:40–15:45

Electromagnetic finite-size effects on the two-pion contribution to the HVP

Speaker

Dr Antonin Portelli

15:55

16:05

Specific topic: Long distance statistical errors

Session | **Location:** online | **Convener:** Daniel Mohler

16:05–16:15 **Long distance statistical errors**

Speaker

Daniel Mohler

16:15–16:20

Gaining Statistics: DDHMC in the era of GPU nodes

Speaker

Peter Boyle

16:20-16:25

Two-pion contributions to the hadronic vacuum polarization with staggered quarks

Speaker

Mr Shaun Lahert

16:55