

The 16th International Workshop on Tau Lepton Physics (TAU2021) (Virtual Edition)

Thursday, 30 September 2021

Session 6: g-2 - Virtual (10:00 - 11:35)

-Conveners: Massimo Passera

| time | [id] title | presenter |
|-------|--|------------------------------|
| 10:00 | [169] First Result from the New Muon g-2 Experiment at Fermilab | STAPLETON, James |
| 10:25 | [153] Theory overview | COLANGELO, Gilberto |
| 10:50 | [178] HVP contributions to the muon's anomalous magnetic moment from lattice QCD | EL-KHADRA, Aida |
| 11:15 | [62] Measuring hadronic corrections to the muon g-2 at BESIII | DENIG, Achim DENIG, Achim |

Session 6: g-2 - Virtual (11:50 - 12:50)

-Conveners: Rafel Escribano

| time | [id] title | presenter |
|-------|--|------------------------|
| 11:50 | [66] The pseudoscalar poles contributions to the muon g-2 | SANCHEZ PUERTAS, Pablo |
| 12:10 | [33] A dispersive estimate of the $f_0(980)$ contribution to g-2 | DANILKIN, Igor |
| 12:30 | [79] Two-photon physics at KLOE-2 | MORICCIANI, Dario |

Session 6: g-2 - Virtual (13:20 - 14:40)

-Conveners: Harvey Meyer

| time | [id] title | presenter |
|-------|---|------------------------------------|
| 13:20 | [199] Calculating HLbL on the Lattice | LEHNER, Christoph |
| 13:40 | [91] HLbL in muon g-2 at large loop momenta | RODRIGUEZ SANCHEZ, Antonio |
| 14:00 | [148] Two-pion contribution to hadronic vacuum polarization | STOFFER, Peter |
| 14:20 | [25] New τ -based evaluation of the hadronic contribution to the vacuum polarization piece of the muon anomalous magnetic moment | MIRANDA HERNANDEZ, Jesus Alejandro |

Session 6: g-2 - Virtual (14:55 - 16:15)

-Conveners: Johan Bijnens

| time | [id] title | presenter |
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| 14:55 | [42] Perturbative heavy quark contributions to the anomalous magnetic moment of the muon | KENNEDY, Philip David |
| 15:15 | [17] A continuum determination of the strong isospin-breaking contribution to the muon anomalous magnetic moment | MALTMAN, Kim |
| 15:35 | [212] Probing New Physics with the leptonic g-2 | PARADISI, Paride |

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| 15:55 | [162] Probing violation of CP & T invariance | BIGI, Ikaros |
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