

# **Workshop on "Flavour changing and conserving processes" 2017 (FCCP2017)**



## **Report of Contributions**

Contribution ID: 42

Type: **not specified**

## **Introduction**

*Thursday, September 7, 2017 9:20 AM (10 minutes)*

**Session Classification:** Session11

Contribution ID: 43

Type: **not specified**

## **General discussion on g-2**

*Thursday, September 7, 2017 9:30 AM (25 minutes)*

**Presenter:** KNECHT, Marc

**Session Classification:** Session11

Contribution ID: 44

Type: **not specified**

## **Status of the Muon g-2 experiment at Fermilab**

*Thursday, September 7, 2017 9:55 AM (25 minutes)*

**Presenter:** GORRINGE, Tim

**Session Classification:** Session11

Contribution ID: 45

Type: **not specified**

## **Status of the Muon $g-2$ /EDM experiment at J-Parc**

*Thursday, September 7, 2017 10:20 AM (25 minutes)*

**Presenter:** MARSHALL, Glen

**Session Classification:** Session11

Contribution ID: 46

Type: **not specified**

## **QED contribution to the electron $g-2$**

*Thursday, September 7, 2017 10:45 AM (30 minutes)*

**Presenter:** LAPORTA, Stefano

**Session Classification:** Session11

Contribution ID: 47

Type: **not specified**

## **Hadronic leading order contribution to the muon $g-2$**

*Thursday, September 7, 2017 11:35 AM (25 minutes)*

**Presenter:** NOMURA, Daisuke

**Session Classification:** Session12

Contribution ID: 48

Type: **not specified**

## **Lattice progress on hadronic contributions to $g-2$ of the muon**

**Presenter:** MARINKOVIC, Marina



Contribution ID: 49

Type: **not specified**

## **Hadronic light - by - light contribution to the muon g-2 on the lattice (1)**

**Presenter:** LEHNER, Christoph

Contribution ID: 50

Type: **not specified**

## **Hadronic light - by - light scattering contribution to the muon $g-2$ on the lattice (2)**

*Thursday, September 7, 2017 12:25 PM (25 minutes)*

**Presenter:** NYFFELER, Andreas

**Session Classification:** Session12

Contribution ID: 51

Type: **not specified**

## **Dispersion relations for hadronic light -by -light scattering**

*Thursday, September 7, 2017 3:00 PM (25 minutes)*

**Presenter:** COLANGELO, Gilberto

**Session Classification:** Session13

Contribution ID: 52

Type: **not specified**

## **On hadronic light - by - light contribution to the muon $g-2$**

*Thursday, September 7, 2017 3:25 PM (25 minutes)*

**Presenter:** BIJNENS, Johan

**Session Classification:** Session13

Contribution ID: 53

Type: **not specified**

## **Review on gamma - gamma physics at KLOE**

**Presenter:** MORICCIANI, Dario

Contribution ID: 54

Type: **not specified**

## **Status of Padme experiment and review on dark photon searches**

*Thursday, September 7, 2017 4:15 PM (25 minutes)*

**Presenter:** RAGGI, Mauro

**Session Classification:** Session13

Contribution ID: 55

Type: **not specified**

## **The muon magnetic moment in the 2HDM and supersymmetric extensions**

*Thursday, September 7, 2017 3:50 PM (25 minutes)*

**Presenter:** STOCKINGER, Dominik

**Session Classification:** Session13

Contribution ID: 56

Type: **not specified**

## **Muon pair production with hadronic vacuum polarization**

*Thursday, September 7, 2017 5:00 PM (25 minutes)*

**Presenter:** SAULI, Vladimir

**Session Classification:** Session14



Contribution ID: 57

Type: **not specified**

## **Radiative corrections for a precision determination of the fine structure constant**

*Thursday, September 7, 2017 5:25 PM (25 minutes)*

**Presenter:** TRENTADUE, Luca

**Session Classification:** Session14

Contribution ID: 58

Type: **not specified**

## **Measurements of alpha and propo I for amu<sup>H</sup>LO spacelike**

*Thursday, September 7, 2017 5:50 PM (25 minutes)*

**Presenter:** MARCONI, Umberto

**Session Classification:** Session14

Contribution ID: 59

Type: **not specified**

## **Report from the Muon $g-2$ Theory Initiative at fermilab**

**Presenter:** LEHNER, Christoph

Contribution ID: **60**

Type: **not specified**

## **Report from the Muon $g-2$ Theory Initiative at fermilab**

*Friday, September 8, 2017 3:05 PM (25 minutes)*

**Presenter:** LEHNER, Christoph

**Session Classification:** Session 21

Contribution ID: **61**

Type: **not specified**

## **Status of R measurements ( SCAN)**

*Friday, September 8, 2017 3:55 PM (25 minutes)*

**Presenter:** IGNATOV, Fedor

**Session Classification:** Session 21

Contribution ID: 62

Type: **not specified**

## **ISR measurements of hadronic cross sections**

*Friday, September 8, 2017 4:20 PM (25 minutes)*

**Presenter:** DENIG, Achim

**Session Classification:** Session 21

Contribution ID: **63**

Type: **not specified**

## **Muon electron scattering at NNLO**

*Friday, September 8, 2017 4:45 PM (25 minutes)*

**Presenter:** MASTROLIA, Pierpaolo

**Session Classification:** Session 21

Contribution ID: 64

Type: **not specified**

## **Monte Carlo generators for muon electron scattering**

*Friday, September 8, 2017 5:40 PM (25 minutes)*

**Presenter:** PICCININI, Fulvio

**Session Classification:** Session22



Contribution ID: 65

Type: **not specified**

## **B anomalies at LHCb**

*Friday, September 8, 2017 6:05 PM (25 minutes)*

**Presenter:** CALVI, Marta

**Session Classification:** Session22

Contribution ID: 66

Type: **not specified**

## **LHCB and Kaon physics: present status and perspectives**

*Friday, September 8, 2017 6:30 PM (25 minutes)*

**Presenter:** MARTINEZ, Diego

**Session Classification:** Session22

Contribution ID: 67

Type: **not specified**

## **Standard Model and New physics for epsilon**

*Friday, September 8, 2017 6:55 PM (25 minutes)*

**Presenter:** KITAHARA, Teppei

**Session Classification:** Session22

Contribution ID: 68

Type: **not specified**

## **Next - to - leading order prediction for the decay of mu to 3e nu nubar**

**Presenter:** FAEL, Matteo

Contribution ID: **69**

Type: **not specified**

## **Lepton Flavor Universality in B Decays**

*Saturday, September 9, 2017 9:00 AM (25 minutes)*

**Presenter:** FERUGLIO, Ferruccio

**Session Classification:** Session31

Contribution ID: 70

Type: **not specified**

## **Status of Mu2e experiment**

*Saturday, September 9, 2017 9:25 AM (25 minutes)*

**Presenter:** GIOVANNELLA, Simona

**Session Classification:** Session31

Contribution ID: 71

Type: **not specified**

## **Status of Mu3e and MEG experiments**

*Saturday, September 9, 2017 9:50 AM (25 minutes)*

**Presenter:** PAPA, Angela

**Session Classification:** Session31

Contribution ID: 72

Type: **not specified**

## **NA62 results on heavy leptons and $K^+$ to $\pi^+$ $\nu \nu$**

*Saturday, September 9, 2017 10:15 AM (25 minutes)*

**Presenter:** LAMANNA, Gianluca

**Session Classification:** Session31



Contribution ID: 73

Type: **not specified**

## **Status of COMET experiment**

*Saturday, September 9, 2017 10:40 AM (25 minutes)*

**Presenter:** LITCHFIELD, Phill

**Session Classification:** Session31

Contribution ID: 74

Type: **not specified**

## **Charged lepton flavour violation: precise background calculation and effective field theoretical interpretation**

*Saturday, September 9, 2017 11:20 AM (25 minutes)*

**Presenter:** PRUNA, Marco

**Session Classification:** Session32

Contribution ID: 75

Type: **not specified**

## **Flavour Physics and extra dimensions**

*Saturday, September 9, 2017 11:45 AM (25 minutes)*

**Presenter:** ABHISHEK, Iyer

**Session Classification:** Session32

Contribution ID: 76

Type: **not specified**

## Leptoquarks in Flavor Physics

*Saturday, September 9, 2017 12:10 PM (25 minutes)*

**Presenter:** MULLER, Dario

**Session Classification:** Session32

Contribution ID: 77

Type: **not specified**

## **The SHIP experiment and tau neutrino magnetic moment**

*Saturday, September 9, 2017 12:35 PM (25 minutes)*

**Presenter:** DE LELLIS, Giovanni

**Session Classification:** Session32

Contribution ID: 78

Type: **not specified**

## Summary talk

*Saturday, September 9, 2017 2:00 PM (30 minutes)*

Contribution ID: 79

Type: **not specified**

## **Lattice progress on hadronic contributions to $g-2$ of the muon**

*Friday, September 8, 2017 3:30 PM (25 minutes)*

**Presenter:** MARINKOVIC, Marina

**Session Classification:** Session 21

Contribution ID: **80**

Type: **not specified**

## **Hadronic light-by-light contribution to the muon $g-2$ on the lattice**

*Thursday, September 7, 2017 12:00 PM (25 minutes)*

**Presenter:** LEHNER, Christoph

**Session Classification:** Session12