

MITP Workshop on Low-Energy Precision Physics



Report of Contributions

Contribution ID: 0

Type: **not specified**

Second Generation Low Energy Electroweak Measurements: Couplings and Mass Scales in a New Era

Monday, 23 September 2013 09:30 (1 hour)

Presenter: ERLER, Jens (UNAM Mexico)

Contribution ID: 1

Type: **not specified**

Search for New Physics with Precision Parity Violating Experiments

Monday, 23 September 2013 11:00 (1 hour)

Presenter: ALEKSEJEVS, Alexandrs (Memorial Univ, Corner Brook)

Contribution ID: 2

Type: **not specified**

Hadronic parity violation

Tuesday, 24 September 2013 11:00 (1 hour)

Presenter: HOLSTEIN, Barry (U Mass, Amherst)

Contribution ID: 3

Type: **not specified**

Dark Boson Phenomenology

Tuesday, 24 September 2013 09:30 (1 hour)

Presenter: MARCIANO, William (BNL)

Contribution ID: 4

Type: **not specified**

Constrained gamma-Z interference corrections to parity-violating electron scattering

Wednesday, 25 September 2013 09:30 (1 hour)

Presenter: BLUNDEN, Peter (Manitoba U.)

Contribution ID: 5

Type: **not specified**

Overview of gamma-Z-box graph

Wednesday, 25 September 2013 11:00 (1 hour)

Presenter: RISLOW, Ben (Mainz U.)

Contribution ID: 6

Type: **not specified**

Higher Twist and Parton Angular Momentum in Parity-Violating Deep Inelastic Electron-Deuteron Scattering (remote talk)

Thursday, 26 September 2013 09:30 (1 hour)

Presenter: SENG, Chien-Yeah (U. Massachusetts, Amherst)

Contribution ID: 7

Type: **not specified**

Nucleon and nuclear structure-dependent corrections in atomic physics and electron scattering experiments: an overview

Thursday, 26 September 2013 11:00 (1 hour)

Presenter: GORSHTEYN, Mikhail (Mainz U.)

Contribution ID: 8

Type: **not specified**

Nuclear Structure Uncertainties in Parity-Violating Electron Scattering from Carbon 12

Friday, 27 September 2013 09:30 (1 hour)

Presenter: MORENO DIAZ, Oscar (MIT)

Contribution ID: 9

Type: **not specified**

Overview of the PVES Experimental Program

Friday, 27 September 2013 11:00 (1 hour)

Presenter: MAAS, Frank (Mainz U.)

Contribution ID: **10**

Type: **not specified**

Light muonic atoms in search of new interactions at the Compton wavelength scale

Monday, 30 September 2013 09:30 (1 hour)

Presenter: PACHUCKI, Krzysztof (Warsaw U.)

Contribution ID: 11

Type: **not specified**

Nuclear polarizability in muonic helium

Monday, 30 September 2013 11:00 (1 hour)

Presenter: SCHLESSER, Sophie (KVI Groningen)

Contribution ID: 12

Type: **not specified**

The proton charge radius unsolved puzzle

Tuesday, 1 October 2013 09:30 (1 hour)

Presenter: INDELICATO, Paul (CNRS, Lab. Kastler Brossel)

Contribution ID: 13

Type: **not specified**

Determination of the proton magnetic radius from the hyperfine splitting in hydrogen

Tuesday, 1 October 2013 11:00 (1 hour)

Presenter: VOLOTKA, Andrey (Dresden TU)

Contribution ID: 14

Type: **not specified**

Constraining the light extra Z boson from a hidden sector by parity-violating asymmetries and charged lepton (g-2)

Wednesday, 2 October 2013 09:30 (1 hour)

Presenter: CHANG, We-Fu (NTHU, Taiwan)

Contribution ID: 15

Type: **not specified**

Experimental status of proton radius

Wednesday, 2 October 2013 11:00 (1 hour)

Presenter: DISTLER, Michael

Contribution ID: 16

Type: **not specified**

Interpretation of the parity and time invariance violation in atoms and molecules

Friday, 4 October 2013 11:00 (1 hour)

Presenter: DZUBA, Vladimir (UNSW, Sydney)

Contribution ID: 17

Type: **not specified**

Atomic parity violation in one single radium ion

Friday, 4 October 2013 09:30 (1 hour)

Presenter: TIMMERMANS, Rob (KVI, Groningen)

Contribution ID: **18**

Type: **not specified**

EDM Overview

Monday, 7 October 2013 09:30 (1 hour)

Presenter: RAMSEY-MUSOLF, Michael (U. Massachusetts, Amherst)

Contribution ID: **19**

Type: **not specified**

EDM Opportunities at Fermilab

Monday, 7 October 2013 11:00 (1 hour)

Presenter: KRONFELD, Andreas (FNAL)

Contribution ID: **20**

Type: **not specified**

Long range P- and T-odd forces

Tuesday, 8 October 2013 11:00 (1 hour)

Presenter: MANTRY, Sonny (Northwestern U.)

Contribution ID: 21

Type: **not specified**

The impact of LHC data on the origin of matter (remote talk)

Tuesday, 8 October 2013 09:30 (1 hour)

Presenter: SHU, Jing (ITP, Beijing)

Contribution ID: 22

Type: **not specified**

Transverse electric contributions to atomic EDM

Tuesday, 8 October 2013 15:00 (1 hour)

Presenter: INOUE, Satoru (U Massachusetts, Amherst)

Contribution ID: 23

Type: **not specified**

EDMs of light nuclei from dimension-six CP-violating operators

Wednesday, 9 October 2013 09:30 (1 hour)

Presenter: DE VRIES, Jordy (U. Groningen)

Contribution ID: 24

Type: **not specified**

Electric dipole moments of light nuclei in effective field theory

Wednesday, 9 October 2013 11:00 (1 hour)

Presenter: BSAISOU, Jan (FZ Juelich)

Contribution ID: 25

Type: **not specified**

Nuclear Schiff Moments (remote talk)

Wednesday, 9 October 2013 15:00 (1 hour)

Presenter: ENGEL, Jon (U. North Carolina)

Contribution ID: 26

Type: **not specified**

Hadronic EDMs from Dyson Schwinger

Thursday, 10 October 2013 09:30 (1 hour)

Presenter: PITSCHMANN, Mario (U. Madison)

Contribution ID: 27

Type: **not specified**

Neutron and proton EDMs from the Lattice

Thursday, 10 October 2013 11:00 (1 hour)

Presenter: SHINTANI, Eigo (Riken - U. Mainz)

Contribution ID: 28

Type: **not specified**

Neutrino Magnetic Moments

Friday, 11 October 2013 09:30 (1 hour)

Presenter: LIU, Cheng-Pang (NDHU, Taiwan)

Contribution ID: 29

Type: **not specified**

Charge Symmetry Violation and Nucleon Structure

Friday, 11 October 2013 11:00 (1 hour)

Presenter: CLOET, Ian (ANL)