

Open Users Meeting BV46

Report of Contributions

Contribution ID: 0

Type: **not specified**

Opening of BVR

Tuesday, 10 February 2015 14:00 (5 minutes)

Presenter: FILIPPONE, Brad (Caltech)

Session Classification: Opening

Contribution ID: 1

Type: **not specified**

Welcome, PSI News

Tuesday, 10 February 2015 14:05 (15 minutes)

Presenter: KIRCH, Klaus (PSI)

Session Classification: Opening

Contribution ID: 2

Type: **not specified**

Invited talk: TeV-scale physics probes at low-energy in the LHC era

Tuesday, 10 February 2015 14:20 (45 minutes)

Open problems of particle physics are briefly outlined, in view of the results obtained so far at the LHC. Then the complementarity of high- and low-energy searches for TeV-scale new physics is discussed for a few examples, including lepton-flavor violation and electric dipole moments.

Presenter: BERNREUTHER, Werner (RWTH Aachen)

Session Classification: Opening

Contribution ID: 3

Type: **not specified**

R-10-01.1 Lamb shift in Muonic Helium

Presenter: POHL, Randolf (Max-Planck-Institut für Quantenoptik)

Contribution ID: 4

Type: **not specified**

R-12-01.2 Studying the Proton "Radius" Puzzle with μ^- Elastic Scattering

Presenter: GILMAN, Ronald (Rutgers)

Contribution ID: 5

Type: **not specified**

R-13-01.1 PiHe: Laster Spectroscopy of pionic helium atoms

Tuesday, 10 February 2015 15:05 (20 minutes)

Presenter: HORI, Masaki (Max-Planck Institute for Quantum Optics)

Session Classification: Progress Reports I (15'+5')

Contribution ID: 6

Type: **not specified**

**R-13-02.1 Search for
 μ^+e^-
 $\nu\bar{\nu}$**

Presenter: Dr GNINENKO, Sergei (Institute for Nuclear Research, Moscow)

Contribution ID: 7

Type: **not specified**

R-14-02.1 High-prightness ultra-cold muon beam: Test of transverse compression

Presenter: ANTOGNINI, Aldo (Paul Scherrer Institut)

Contribution ID: 8

Type: **not specified**

Pion induced Change of Material Parameters in Silicon

Presenter: ROHE, Tilman Volker (Paul Scherrer Institut)

Contribution ID: 9

Type: **not specified**

Presentation of the Committee recommendations to the spokespersons

Wednesday, 11 February 2015 14:00 (30 minutes)

Presenter: FILIPPONE, Brad (Caltech)

Session Classification: Committee Report

Contribution ID: **10**

Type: **not specified**

Discussion of the beam schedule 2015

Wednesday, 11 February 2015 14:30 (10 minutes)

Presenter: RITT, Stefan (PSI)

Session Classification: Committee Report

Contribution ID: 11

Type: **not specified**

High Rate UCN Detector Testing

Presenter: JAMIESON, Blair (University of Winnipeg)

Contribution ID: 12

Type: **not specified**

R-14-02.1 High brightness ultra-cold positive muon beam

Tuesday, 10 February 2015 17:35 (20 minutes)

Presenter: ANTOGNINI, Aldo (ETH)

Session Classification: Progress Reports II (15'+5')

Contribution ID: 13

Type: **not specified**

R-08-01.1 MuSun: Muon Capture on the Deuteron

Tuesday, 10 February 2015 16:35 (20 minutes)

Presenter: KAMMEL, Peter (University of Washington, Seattle)

Session Classification: Progress Reports II (15'+5')

Contribution ID: 15

Type: **not specified**

R-05-03.1 Measurement of the Neutron Electric Dipole Moment

Tuesday, 10 February 2015 15:25 (20 minutes)

Presenter: SCHMIDT-WELLENBURG, Philipp (Paul Scherrer Institut)

Session Classification: Progress Reports I (15'+5')

Contribution ID: 16

Type: **not specified**

R-10-01.1 CREMA: Lamb shift in Muonic Helium

Tuesday, 10 February 2015 16:55 (20 minutes)

Presenter: POHL, Randolf (Max-Planck-Institut für Quantenoptik)

Session Classification: Progress Reports II (15'+5')