

**Hidden Naturalness
Workshop @ UMD 28-30 April
2016**

Report of Contributions

Contribution ID: 3

Type: **not specified**

Welcome

Thursday 28 April 2016 09:00 (10 minutes)

Summary

Primary author: SUNDRUM, Raman (University of Maryland)

Presenter: SUNDRUM, Raman (University of Maryland)

Contribution ID: 4

Type: **not specified**

Workshop Intro & Review of Hidden Naturalness

Thursday 28 April 2016 09:10 (40 minutes)

Summary

Primary authors: CURTIN, David (University of Maryland); SARASWAT, Prashant (University of Maryland and Johns Hopkins University)

Presenters: CURTIN, David (University of Maryland); SARASWAT, Prashant (University of Maryland and Johns Hopkins University)

Contribution ID: 5

Type: **not specified**

Vector-like Twin Higgs

Thursday 28 April 2016 09:50 (40 minutes)

Summary

Primary author: KNAPEN, Simon (Lawrence Berkeley National Lab)

Presenter: KNAPEN, Simon (Lawrence Berkeley National Lab)

Contribution ID: 6

Type: **not specified**

The Flavor of the Composite Twin Higgs

Thursday 28 April 2016 11:10 (40 minutes)

Summary

Primary author: Mr TELEM, Ofri

Contribution ID: 7

Type: **not specified**

Precision Probes of Twin Higgs

Thursday 28 April 2016 11:50 (40 minutes)

Summary

Primary author: HARNIK, Roni (Fermilab)

Presenter: HARNIK, Roni (Fermilab)

Contribution ID: 8

Type: **not specified**

Discussion: Flavor in Neutral Naturalness

Thursday 28 April 2016 14:00 (30 minutes)

Summary

Presenters: CSAKI, Csaba (Cornell University); GELLER, Michael (Technion)

Contribution ID: 9

Type: **not specified**

Discussion: Model-building Issues in Neutral Naturalness

Thursday 28 April 2016 14:30 (30 minutes)

Summary

Presenters: HARNIK, Roni (Fermilab); CHACKO, Zackaria (University of Maryland)

Contribution ID: **10**

Type: **not specified**

Some thoughts on the Relaxion

Thursday 28 April 2016 15:00 (40 minutes)

Summary

Primary author: GRAHAM, Peter

Presenter: GRAHAM, Peter

Contribution ID: 11

Type: **not specified**

Natural Heavy Supersymmetry

Thursday 28 April 2016 16:10 (40 minutes)

Summary

Primary author: BATELL, Brian Thomas

Presenter: BATELL, Brian Thomas

Contribution ID: 12

Type: **not specified**

Discussion: Cosmological Relaxation

Thursday 28 April 2016 16:50 (40 minutes)

Summary

Presenter: KAPLAN, David

Contribution ID: 13

Type: **not specified**

Henry Lubatti (ATLAS)

Friday 29 April 2016 09:00 (40 minutes)

Summary

Primary author: LUBATTI, Henry (University of Washington (US))

Presenter: LUBATTI, Henry (University of Washington (US))

Contribution ID: 14

Type: **not specified**

John Paul Chou (CMS)

Friday 29 April 2016 09:40 (40 minutes)

Summary

Primary author: CHOU, John Paul (Rutgers, State Univ. of New Jersey (US))

Presenter: CHOU, John Paul (Rutgers, State Univ. of New Jersey (US))

Contribution ID: 15

Type: **not specified**

Searching for Displaced Higgs Decays

Friday 29 April 2016 11:00 (40 minutes)

Summary

Primary author: CSAKI, Csaba (Cornell University)

Presenter: CSAKI, Csaba (Cornell University)

Contribution ID: 16

Type: **not specified**

Exotic Quarks in Twin Higgs Models

Friday 29 April 2016 11:40 (40 minutes)

Summary

Primary author: CHENG, Hsin-Chia (University of California, Davis)

Presenter: CHENG, Hsin-Chia (University of California, Davis)

Contribution ID: 17

Type: **not specified**

100 TeV Update

Friday 29 April 2016 13:40 (40 minutes)

Summary

Primary author: WANG, LianTao (University of Chicago)

Presenter: WANG, LianTao (University of Chicago)

Contribution ID: **18**

Type: **not specified**

Discussion: Experimental Strategies for Neutral Naturalness

Friday 29 April 2016 14:20 (1 hour)

Summary

Presenter: CURTIN, David (University of Maryland)

Contribution ID: 19

Type: **not specified**

Discussion: 750 GeV Diphoton Anomaly

Friday 29 April 2016 15:50 (40 minutes)

Summary

Presenters: SALVIONI, Ennio (University of California Davis (US)); GALLOWAY, Jamison (New York University); KNAPEN, Simon (Lawrence Berkeley National Lab)

Contribution ID: 20

Type: **not specified**

N-Naturalness

Friday 29 April 2016 16:30 (40 minutes)

Summary

Primary author: ARKANI-HAMED, Nima (IAS)

Presenter: ARKANI-HAMED, Nima (IAS)

Contribution ID: 21

Type: **not specified**

WIMP/ADM in Twin Higgs Models

Saturday 30 April 2016 09:00 (40 minutes)

Summary

Primary author: FARINA, Marco (Cornell University)

Presenter: FARINA, Marco (Cornell University)

Contribution ID: 22

Type: **not specified**

Cosmological Constraints on Twin Higgs Models

Saturday 30 April 2016 09:40 (40 minutes)

Summary

Primary author: TSAI, Yuhsin (UC Davis)

Presenter: TSAI, Yuhsin (UC Davis)

Contribution ID: 23

Type: **not specified**

Naturalizing Supersymmetry with the Relaxion

Saturday 30 April 2016 11:00 (40 minutes)

Summary

Primary author: GHERGHETTA, Tony (Institut de Physique Theorique)

Presenter: GHERGHETTA, Tony (Institut de Physique Theorique)

Contribution ID: 24

Type: **not specified**

A Twin Higgs Model with a Spontaneously Broken Z_2

Saturday 30 April 2016 11:40 (40 minutes)

Summary

Primary author: GREGOIRE, Thomas (Carleton University)

Presenter: GREGOIRE, Thomas (Carleton University)

Contribution ID: 25

Type: **not specified**

Hidden SUSY

Saturday 30 April 2016 12:20 (40 minutes)

Summary

Primary author: PINNER, David

Presenter: PINNER, David

Contribution ID: 26

Type: **not specified**

Discussion: Dark matter, baryogenesis, and cosmology in Neutral Naturalness

Saturday 30 April 2016 14:00 (1 hour)

Summary

Presenters: MOHAPATRA, Rabindra (University of Maryland); TSAI, Yuhsin (UC Davis)

Contribution ID: 27

Type: **not specified**

Discussion

Saturday 30 April 2016 15:30 (1 hour)

Summary