

Mitchell Workshop on Collider and Dark Matter Physics



Report of Contributions

Contribution ID: 0

Type: **not specified**

TBC

Contribution ID: 1

Type: **not specified**

TBC

Contribution ID: 2

Type: **not specified**

Andrey Korytov - Status of Higgs boson studies with the CMS Detector

Monday, 12 May 2014 08:40 (35 minutes)

Session Classification: Collider session

Contribution ID: 3

Type: **not specified**

Michel Janus - Review of the current ATLAS SM Higgs results

Monday, 12 May 2014 09:15 (35 minutes)

Session Classification: Collider session

Contribution ID: 4

Type: **not specified**

Sunil Somalwar - Recent results from CMS SUSY searches with emphasis on higgs final states

Monday, 12 May 2014 09:50 (35 minutes)

Session Classification: Collider session

Contribution ID: 5

Type: **not specified**

Hal Evans –ATLAS BSM Higgs

Monday, 12 May 2014 10:45 (35 minutes)

Session Classification: Collider session

Contribution ID: 6

Type: **not specified**

Archana Anandakrishnan - Gluino limits on Triangles: A lesson from SO(10) GUTS

Monday, 12 May 2014 11:20 (35 minutes)

Session Classification: Collider session

Contribution ID: 7

Type: **not specified**

Xerxes Tata - Naturalness and Supersymmetry: Radiatively Driven Natural SUSY

Monday, 12 May 2014 11:55 (35 minutes)

Session Classification: Collider session

Contribution ID: 8

Type: **not specified**

John Paul Chou - Status of CMS Exotica Results

Monday, 12 May 2014 13:30 (35 minutes)

Session Classification: Collider session

Contribution ID: 9

Type: **not specified**

Mansoor Shamim –ATLAS exotic searches

Monday, 12 May 2014 14:05 (35 minutes)

Session Classification: Collider session

Contribution ID: **10**

Type: **not specified**

Ze'ev Surujon - Exotic Higgs Decays

Monday, 12 May 2014 14:40 (35 minutes)

Session Classification: Collider session

Contribution ID: **11**

Type: **not specified**

Carmen Garcia –ATLAS Upgrade physics

Monday, 12 May 2014 15:35 (35 minutes)

Session Classification: Collider session

Contribution ID: 12

Type: **not specified**

Chris Hill - The Evolution of LHC (and the CMS experiment)

Monday, 12 May 2014 16:10 (35 minutes)

Session Classification: Collider session

Contribution ID: 13

Type: **not specified**

Yuriy Pakhotin - Exotic Higgs decays to boosted dimuons

Monday, 12 May 2014 16:45 (35 minutes)

Session Classification: Collider session

Contribution ID: 14

Type: **not specified**

Amir Farbin - SUSY searches at ATLAS

Tuesday, 13 May 2014 08:35 (35 minutes)

Session Classification: Collider session

Contribution ID: 15

Type: **not specified**

Adrian Perieanu - Searches for BSM Higgs bosons and non-SM Higgs decays at CMS

Tuesday, 13 May 2014 09:10 (35 minutes)

Session Classification: Collider session

Contribution ID: 16

Type: **not specified**

Azar Mustafayev - Collider Signatures of Natural SUSY

Tuesday, 13 May 2014 09:45 (35 minutes)

Session Classification: Collider session

Contribution ID: 17

Type: **not specified**

Peter McIntyre - 100 TeV Hadron Collider for a New World Laboratory

Tuesday, 13 May 2014 10:45 (35 minutes)

Session Classification: Collider session

Contribution ID: **18**

Type: **not specified**

Jianghao Yu - Better Mass Measurement using Many Body Phase Space Boundary in Cascade Decay

Tuesday, 13 May 2014 11:20 (35 minutes)

Session Classification: Collider session

Contribution ID: 19

Type: **not specified**

Peisi Huang - What does a higgs tell us about SUSY?

Tuesday, 13 May 2014 11:55 (35 minutes)

Session Classification: Collider session

Contribution ID: 20

Type: **not specified**

Rouzbeh Allahverdi - Light non-thermal dark matter: a minimal model and detection prospects

Tuesday, 13 May 2014 13:30 (35 minutes)

Session Classification: Collider session

Contribution ID: 21

Type: **not specified**

Yang Bai - Fermion Portal Dark Matter

Tuesday, 13 May 2014 14:05 (35 minutes)

Session Classification: Collider session

Contribution ID: 22

Type: **not specified**

Kuver Sinha - Whither Thermal Freezeout

Tuesday, 13 May 2014 14:40 (35 minutes)

Session Classification: Collider session

Contribution ID: 23

Type: **not specified**

Bibhushan Shakya - A New Probe of Neutralino Decays at the LHC

Tuesday, 13 May 2014 15:35 (35 minutes)

Session Classification: Collider session

Contribution ID: 24

Type: **not specified**

Yu Gao - Probing the nature of neutrinos under the supersymmetric $U(1)_{B-L}$

Tuesday, 13 May 2014 16:10 (35 minutes)

Session Classification: Collider session

Contribution ID: 25

Type: **not specified**

Joel Walker - Enhancing Collider Sensitivity to Stau-Neutralino Co-Annihilation by Application of a Boosted Event Topology Selection

Tuesday, 13 May 2014 16:45 (35 minutes)

Session Classification: Collider session

Contribution ID: 26

Type: **not specified**

Louis Strigari - Dark Matter Searches with Fermi-LAT

Wednesday, 14 May 2014 08:40 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 27

Type: **not specified**

Carter Hall - Results of the first underground run of the LUX dark matter experiment

Wednesday, 14 May 2014 09:15 (35 minutes)

Session Classification: Dark matter session

Contribution ID: **28**

Type: **not specified**

Wolfgang Lorenzon - PandaX: Status and Plans

Wednesday, 14 May 2014 09:50 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 29

Type: **not specified**

Michele Cicoli - Pre- and Post-inflationary string cosmology

Wednesday, 14 May 2014 10:45 (35 minutes)

Session Classification: Dark matter session

Contribution ID: **30**

Type: **not specified**

Veronica Bindi - Recent Results from the AMS-02 experiment

Wednesday, 14 May 2014 11:20 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 31

Type: **not specified**

Jong-Chul Park - Light dark matter and Fermi-LAT gamma-ray excesses

Wednesday, 14 May 2014 11:55 (35 minutes)

Session Classification: Dark matter session

Contribution ID: **32**

Type: **not specified**

Brian Batell - Flavored Dark Matter

Wednesday, 14 May 2014 13:30 (35 minutes)

Session Classification: Dark matter session

Contribution ID: **33**

Type: **not specified**

Hai-Bo Yu - Self-interacting Dark Matter

Wednesday, 14 May 2014 14:05 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 34

Type: **not specified**

Howard Baer - Mixed axion/higgsino dark matter in natural SUSY

Wednesday, 14 May 2014 14:40 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 35

Type: **not specified**

Sheldon Campbell - Turning Dark Matter Hints into Dark Matter Discoveries

Wednesday, 14 May 2014 15:35 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 36

Type: **not specified**

Matthias Danninger - Dark Matter searches and High Energy neutrinos in IceCube

Wednesday, 14 May 2014 16:10 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 37

Type: **not specified**

Farinaldo Da Silva Queiroz - The Effective Hooperon

Wednesday, 14 May 2014 16:45 (35 minutes)

Session Classification: Dark matter session

Contribution ID: **38**

Type: **not specified**

Scott Watson - Towards a post-Inflationary Universe

Thursday, 15 May 2014 08:40 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 39

Type: **not specified**

Daniel Chung - Observing Inflationary Quantum Fluctuations of Fermionic Dark Matter

Thursday, 15 May 2014 09:15 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 40

Type: **not specified**

Ilia Gogoladze - The 3.5 keV X-ray line and Supersymmetry

Thursday, 15 May 2014 09:50 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 41

Type: **not specified**

Ray Bunker - Recent results from SuperCDMS

Thursday, 15 May 2014 10:45 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 42

Type: **not specified**

Keith Dienes - Dynamical Dark Matter: A New Framework for Dark-Matter Physics

Thursday, 15 May 2014 11:20 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 43

Type: **not specified**

Brooks Thomas - Dynamical Dark Matter: Phenomenological Implications

Thursday, 15 May 2014 11:55 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 44

Type: **not specified**

Niayesh Afshordi - Probing Dark Matter Nanostructure

Thursday, 15 May 2014 13:30 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 45

Type: **not specified**

Shufang Su - Unveiling Light Neutralino Dark Matter at Colliders

Thursday, 15 May 2014 14:05 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 46

Type: **not specified**

Martin Winkler - Compressed Supersymmetry from the High Scale

Thursday, 15 May 2014 14:40 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 47

Type: **not specified**

Andrew Sonnenschein - Dark Matter Detection With Superheated Liquids: COUPP and PICO.

Thursday, 15 May 2014 15:35 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 48

Type: **not specified**

Wei Xue - Higgs portal Dark Matter and cosmic ray constraints

Thursday, 15 May 2014 16:10 (35 minutes)

Session Classification: Dark matter session

Contribution ID: 49

Type: **not specified**

David Sanford - Simplified Models of Mixed Dark Matter

Thursday, 15 May 2014 16:45 (35 minutes)

Session Classification: Dark matter session