

# **2nd PIKIO Meeting**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Indirect Detection Constraints on EFT and Simplified Models of Dark Matter

*Saturday 24 September 2016 11:00 (20 minutes)*

**Presenter:** Prof. CARPENTER, Linda (Ohio State University)

**Session Classification:** AM Session

Contribution ID: 2

Type: **not specified**

## **Axionic Dark Matter and Boson Stars**

*Saturday 24 September 2016 11:20 (20 minutes)*

**Presenter:** EBY, Joshua (University of Cincinnati)

**Session Classification:** AM Session

Contribution ID: 3

Type: **not specified**

## **Secluded singlet fermionic dark matter driven by the Fermi gamma-ray excess**

*Saturday 24 September 2016 11:40 (20 minutes)*

**Presenter:** Dr SHIN, Seodong (Seoul National University)

**Session Classification:** AM Session

Contribution ID: 4

Type: **not specified**

## **Non-dark-matter-signals in XENON1T**

*Saturday 24 September 2016 10:00 (20 minutes)*

**Presenter:** Prof. LANG, Rafael (Purdue University)

**Session Classification:** AM Session

Contribution ID: 5

Type: **not specified**

## Stop co-annihilation

*Saturday 24 September 2016 10:20 (20 minutes)*

**Presenter:** Prof. SHAH, Nausheen (Wayne State University)

**Session Classification:** AM Session

Contribution ID: 6

Type: **not specified**

## **LHC Search Strategies for Dark Matter**

*Saturday 24 September 2016 13:30 (20 minutes)*

**Presenter:** BOVEIA, Antonio (Ohio State University)

**Session Classification:** PM Session

Contribution ID: 7

Type: **not specified**

## Challenging Dark Matter scenarios at the LHC

*Saturday 24 September 2016 13:50 (20 minutes)*

**Presenter:** GORI, Stefania (Perimeter Institute/Cincinnati University)

**Session Classification:** PM Session



Contribution ID: 8

Type: **not specified**

## Light Dark Matter Searches with Proton Beam Dumps

*Saturday 24 September 2016 15:00 (20 minutes)*

**Presenter:** BATELL, Brian Thomas (University of Pittsburgh (US))

**Session Classification:** PM Session

Contribution ID: 9

Type: **not specified**

## Supernova neutrinos in XENON1T

*Saturday 24 September 2016 15:20 (20 minutes)*

**Presenter:** Mr REICHARD, Shayne (Purdue University )

**Session Classification:** PM Session

Contribution ID: **10**

Type: **not specified**

# Effective Field Theory for Resonant Wino Dark Matter

*Saturday 24 September 2016 15:40 (20 minutes)*

**Presenter:** JOHNSON, Evan (Ohio State University)

**Session Classification:** PM Session

Contribution ID: 11

Type: **not specified**

## **An indirect constraint on Primordial Black Holes from PLANCK**

*Saturday 24 September 2016 16:20 (20 minutes)*

**Presenter:** GAO, Yu (Wayne State University )

**Session Classification:** PM Session

Contribution ID: 12

Type: **not specified**

## Phenomenology of a Flavorful Two Higgs Doublet Mode

*Saturday 24 September 2016 16:40 (20 minutes)*

**Presenter:** Mr TUCKER, Douglas (University of Cincinnati)

**Session Classification:** PM Session