

PITT PACC Workshop: Atomic Dark Matter

Report of Contributions

Contribution ID: 1

Type: **not specified**

Mirror twin Higgs cosmology: constraints and a possible resolution to the H_0 and S_8 tensions

Thursday, January 26, 2023 9:05 AM (35 minutes)

Presenter: TSAI, Yuhsin (University of Notre Dame)

Session Classification: Morning Early

Contribution ID: 2

Type: **not specified**

Dark Disks and Constraints from Gaia

Thursday, January 26, 2023 9:45 AM (35 minutes)

Presenter: FAN, Jiji (Brown University)

Session Classification: Morning Early

Contribution ID: 3

Type: **not specified**

Precision Cosmology of Atomic Dark Matter

Thursday, January 26, 2023 10:55 AM (35 minutes)

Presenter: BARRON, Jared

Session Classification: Morning Late

Contribution ID: 4

Type: **not specified**

Hydrodynamical Simulations of Atomic Dark Matter

Thursday, January 26, 2023 11:35 AM (35 minutes)

Presenter: Prof. LISANTI, Mariangela (Princeton University)

Session Classification: Morning Late

Contribution ID: 5

Type: **not specified**

Hydrodynamical Simulations of Atomic Dark Matter

Thursday, January 26, 2023 2:00 PM (35 minutes)

Presenter: ROY, Sandip (Princeton University (US))

Session Classification: Afternoon Early

Contribution ID: 6

Type: **not specified**

N-Body Simulations of Atomic Dark Matter

Thursday, January 26, 2023 2:40 PM (35 minutes)

Presenter: GEMMELL, Caleb (University of Toronto)

Session Classification: Afternoon Early

Contribution ID: 8

Type: **not specified**

Dark Atom effects on CMB and Large Scale Structure

Thursday, January 26, 2023 3:50 PM (35 minutes)

Presenter: Prof. CYR-RACINE, Francis-Yan (University of New Mexico)

Session Classification: Afternoon Late

Contribution ID: 9

Type: **not specified**

An Overview of Atomic Dark Matter in Mirror Twin Higgs

Friday, January 27, 2023 9:00 AM (35 minutes)

Presenter: Prof. CHACKO, Zackaria (University of Maryland)

Session Classification: Morning Early

Contribution ID: **10**

Type: **not specified**

Gaia and Gaia Astrometry

Friday, January 27, 2023 9:40 AM (35 minutes)

Presenter: NECIB, Lina (MIT)

Session Classification: Morning Early

Contribution ID: 11

Type: **not specified**

Transient Astrometric Lensing of Compact Objects with Gaia

Friday, January 27, 2023 10:55 AM (35 minutes)

Presenter: CHEN, I-Kai (NYU)

Session Classification: Morning Late

Contribution ID: 12

Type: **not specified**

Cosmological Evolution of Atomic Dark Matter Models

Friday, January 27, 2023 11:35 AM (35 minutes)

Presenter: GURIAN, James

Session Classification: Morning Late

Contribution ID: 13

Type: **not specified**

Atomic Dark Matter Simulation

Friday, January 27, 2023 2:40 PM (35 minutes)

Presenter: SCHON, Sarah

Session Classification: Afternoon Early

Contribution ID: 14

Type: **not specified**

Dark Molecular Chemistry and DarkKROME

Friday, January 27, 2023 2:00 PM (35 minutes)

Presenter: Mr RYAN, Michael

Session Classification: Afternoon Early

Contribution ID: 15

Type: **not specified**

Gravitational Wave Signatures of Dissipative Dark Matter

Friday, January 27, 2023 3:50 PM (35 minutes)

Author: SHANDERA, Sarah

Presenters: Dr JEONG, Donghui (The Pennsylvania State University); SHANDERA, Sarah

Session Classification: Afternoon Late

Contribution ID: 16

Type: **not specified**

Nnaturalness Cosmology

Saturday, January 28, 2023 9:00 AM (35 minutes)

Presenter: Dr GHOSH, Subhjit (University of Notre Dame)

Session Classification: Morning Early

Contribution ID: 17

Type: **not specified**

Dark Black Holes in the Mass Gap

Saturday, January 28, 2023 9:40 AM (35 minutes)

Presenter: SMYTH, Nolan (University of California, Santa Cruz)

Session Classification: Morning Early

Contribution ID: **18**

Type: **not specified**

Exploring the astrophysics of dark atoms

Saturday, January 28, 2023 10:55 AM (35 minutes)

Presenter: GHALSASI, Akshay (University of Pittsburgh)

Session Classification: Morning Late

Contribution ID: 19

Type: **not specified**

Searching for Mirror Stars with Gaia

Saturday, January 28, 2023 11:35 AM (35 minutes)

Presenter: CURTIN, David (University of Toronto)

Session Classification: Morning Late

Contribution ID: 20

Type: **not specified**

Welcome

Thursday, January 26, 2023 9:00 AM (5 minutes)

Presenter: LOW, Matthew (University of Pittsburgh)

Session Classification: Morning Early