

Dark Wave Lab Workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Dark Wave Lab Concept and Facilities

Monday, 15 April 2024 09:20 (20 minutes)

Presenter: SONNENSCHNEIN, Andrew (Fermilab)

Session Classification: Presentations

Contribution ID: 2

Type: **not specified**

Dark Wave Lab Concept

Presenter: SONNENSCHNEIN, Andrew (Fermilab)

Contribution ID: 3

Type: **not specified**

Cryostat options for 9.4 Tesla x 800 mm solenoid

Monday, 15 April 2024 09:40 (20 minutes)

Presenter: HOLLISTER, Matthew

Session Classification: Presentations

Contribution ID: 4

Type: **not specified**

Large aperture dipole

Monday, 15 April 2024 10:00 (20 minutes)

Presenter: VELEV, Gueorgui (FNAL TD/MS)

Session Classification: Presentations

Contribution ID: 5

Type: **not specified**

Giant Magnets

Monday, 15 April 2024 10:20 (20 minutes)

Presenter: CHOU, Aaron (Fermilab)

Session Classification: Presentations

Contribution ID: 6

Type: **not specified**

ADMX-EFR

Monday, 15 April 2024 13:00 (20 minutes)

Presenter: CAROSI, Gianpaolo (Lawrence Livermore National Laboratory)

Session Classification: Presentations

Contribution ID: 7

Type: **not specified**

Low Frequency Cavity Resonators 100- 700 MHz

Session Classification: Presentations

Contribution ID: **8**

Type: **not specified**

Astro Seminar- Pierre Sikivie

Monday, 15 April 2024 14:00 (1 hour)

Presenter: SIKIVIE, Pierre (University of Florida)

Contribution ID: 9

Type: **not specified**

Discussion groups

Monday, 15 April 2024 15:30 (1 hour)

Presenters: GIACCONE, Bianca; CERVANTES, Raphael (Fermilab); TESAREK, Rick (Fermilab)

Contribution ID: **10**

Type: **not specified**

ADMX-SLIC

Monday, 15 April 2024 11:20 (20 minutes)

Presenter: TANNER, David (University of Florida)

Session Classification: Presentations

Contribution ID: 11

Type: **not specified**

The Case for Broadband

Monday, 15 April 2024 11:40 (20 minutes)

Presenter: KAHN, Yonatan (University of Illinois at Urbana-Champaign)

Session Classification: Presentations

Contribution ID: 12

Type: **not specified**

Cavity Resonators 100-600 Mhz

Monday, 15 April 2024 16:30 (20 minutes)

Presenter: SIKIVIE, Pierre (University of Florida)

Session Classification: Presentations

Contribution ID: 13

Type: **not specified**

Superconducting Cavities for 4-10 GHz

Monday, 15 April 2024 13:20 (20 minutes)

Presenter: CERVANTES, Raphael (Fermilab)

Session Classification: Presentations

Contribution ID: 14

Type: **not specified**

MADMAX

Tuesday, 16 April 2024 09:00 (20 minutes)

Presenter: MAJOROVITS, Béla (Max Planck institute for Physics)

Session Classification: Presentations

Contribution ID: 15

Type: **not specified**

GigaBREAD

Tuesday, 16 April 2024 09:20 (20 minutes)

Presenter: KNIRCK, Stefan (Fermi National Accelerator Laboratory)

Session Classification: Presentations

Contribution ID: 16

Type: **not specified**

Orpheus

Tuesday, 16 April 2024 09:40 (20 minutes)

Presenter: SINNIS, James (University of Washington)

Session Classification: Presentations

Contribution ID: 17

Type: **not specified**

ADMX-VERA

Monday, 15 April 2024 13:40 (20 minutes)

Presenter: KUO, Chao-lin (Stanford)

Session Classification: Presentations

Contribution ID: **18**

Type: **not specified**

Welcome to Dark Wave Lab Workshop

Monday, 15 April 2024 09:00 (20 minutes)

Presenter: FLEMING, Bonnie (Fermilab)

Contribution ID: 19

Type: **not specified**

Physical Signatures of Spin-Coupled Axions

Tuesday, 16 April 2024 11:10 (20 minutes)

Presenter: BERLIN, Asher (Fermilab)

Session Classification: Presentations

Contribution ID: **20**

Type: **not specified**

TBD

Presenter: HARNIK, Roni (FNAL)

Session Classification: Presentations

Contribution ID: 21

Type: **not specified**

InfraBREAD

Tuesday, 16 April 2024 10:00 (20 minutes)

Presenters: WANG, Christina (California Institute of Technology); WANG, Christina

Session Classification: Presentations

Contribution ID: 22

Type: **not specified**

New techniques to Search for Axion Dark matter

Monday, 15 April 2024 16:50 (20 minutes)

Presenter: TOBAR, Michael (The University of Western Australia)

Session Classification: Presentations

Contribution ID: 23

Type: **not specified**

ALPHA

Tuesday, 16 April 2024 10:20 (20 minutes)

Presenter: MILLAR, Alexander

Session Classification: Presentations

Contribution ID: 24

Type: **not specified**

Feasibility of superconducting qubits in a strong magnetic field

Monday, 15 April 2024 17:50 (20 minutes)

Presenter: NITTA, Tatsumi (University of Washington)

Session Classification: Presentations

Contribution ID: 25

Type: **not specified**

Massively multiplexed dark matter searches with integrated photonics

Monday, 15 April 2024 12:00 (20 minutes)

Presenter: JANISH, Ryan

Session Classification: Presentations

Contribution ID: 26

Type: **not specified**

CAPP Superconducting Cavities

Monday, 15 April 2024 17:10 (20 minutes)

Presenters: KWON, Ohjoon (Center for axion and precision physics research @ Institute for Basic Science); Dr CHUNG, Woohyun (KAIST)

Session Classification: Presentations

Contribution ID: 27

Type: **not specified**

Persistent Magnets are Weber Bars

Tuesday, 16 April 2024 11:50 (20 minutes)

Presenter: RODD, Nicholas (Massachusetts Institute of Technology)

Session Classification: Presentations

Contribution ID: 28

Type: **not specified**

Lumped Element Axion Detection in the High Frequency Limit

Tuesday, 16 April 2024 11:30 (20 minutes)

Presenter: FOSTER, Joshua (University of Michigan)

Session Classification: Presentations

Contribution ID: 29

Type: **not specified**

Dielectric enhancements: TeraBREAD and beyond

Tuesday, 16 April 2024 12:10 (20 minutes)

Presenter: BARYAKHTAR, Masha (New York University)

Session Classification: Presentations

Contribution ID: **30**

Type: **not specified**

Recent progress at CAPP

Monday, 15 April 2024 17:30 (20 minutes)

Presenter: CHUNG, Woohyun (KAIST)

Session Classification: Presentations

Contribution ID: 31

Type: **not specified**

Organizing afternoon tours and discussions

Tuesday, 16 April 2024 12:30 (10 minutes)

Presenter: SONNENSCHNEIDER, Andrew (Fermilab)

Session Classification: Presentations