

Cool Copper Collider Workshop



Report of Contributions

Contribution ID: 1

Type: **not specified**

Technical Updates

Contribution ID: 2

Type: **not specified**

C3 Updates and P5 Highlights

Monday, 12 February 2024 08:30 (20 minutes)

Presenter: VERNIERI, Caterina (SLAC)

Session Classification: Overview

Contribution ID: 3

Type: **not specified**

Higgs Physics

Monday, 12 February 2024 08:50 (30 minutes)

(1) mass reach of precision Higgs coupling measurements; (2) importance of Higgs and top measurements at 500 GeV and above.

Presenter: PESKIN, Michael (SLAC)

Session Classification: Overview

Contribution ID: 4

Type: **not specified**

Luminosity Studies

Monday, 12 February 2024 09:20 (20 minutes)

Presenter: NTOUNIS, Dimitris (SLAC)

Session Classification: Overview

Contribution ID: 5

Type: **not specified**

Background Studies

Monday, 12 February 2024 09:40 (20 minutes)

Presenter: GRAY, Lindsey (Fermilab)

Session Classification: Overview

Contribution ID: 6

Type: **not specified**

Experimental Studies at ATF and Possible C3 and ILC Synergies

Monday, 12 February 2024 10:30 (20 minutes)

Presenter: FAUS GOLFE, Angeles (IJCLab)

Session Classification: Synergies with other colliders

Contribution ID: 7

Type: **not specified**

FCC-ee Injector

Monday, 12 February 2024 10:50 (20 minutes)

Presenter: CRAIEVICH, Paolo (PSI)

Session Classification: Synergies with other colliders

Contribution ID: 8

Type: **not specified**

e- Beam Driven Positron Sources

Monday, 12 February 2024 11:10 (20 minutes)

Presenter: ENOMOTO, Yoshinori (KEK)

Session Classification: Synergies with other colliders

Contribution ID: 9

Type: **not specified**

C3 Demo

Tuesday, 13 February 2024 08:30 (20 minutes)

Presenter: WANG, Faya (SLAC)

Session Classification: Pathway to stage 1/2

Contribution ID: **10**

Type: **not specified**

PWFA Staging

Tuesday, 13 February 2024 10:30 (20 minutes)

Presenter: LINDSTROM, Carl (University of Oslo)

Session Classification: Stage 2+ and Synergies

Contribution ID: 11

Type: **not specified**

FEL R&D

Tuesday, 13 February 2024 10:50 (20 minutes)

Presenter: MARINELLI, Agostino (SLAC)

Session Classification: Stage 2+ and Synergies

Contribution ID: 12

Type: **not specified**

Alignment

Tuesday, 13 February 2024 13:30 (20 minutes)

Presenter: VAN DER GRAAF, Harry (Nikhef)

Session Classification: R&D updates

Contribution ID: 13

Type: **not specified**

High Gradient Tests

Tuesday, 13 February 2024 13:50 (20 minutes)

Presenter: NANNI, Emilio (SLAC)

Session Classification: R&D updates

Contribution ID: 14

Type: **not specified**

Injector Linac

Tuesday, 13 February 2024 14:30 (20 minutes)

Presenter: DHAR, Ankur (SLAC)

Session Classification: R&D updates

Contribution ID: 15

Type: **not specified**

Beam Dynamics Simulations

Tuesday, 13 February 2024 15:30 (20 minutes)

Presenter: TAN, Wei-Hou (SLAC)

Session Classification: R&D updates

Contribution ID: 16

Type: **not specified**

QCM + Raft Design

Tuesday, 13 February 2024 15:50 (20 minutes)

Presenter: HAASE, Andrew (SLAC)

Session Classification: R&D updates

Contribution ID: 17

Type: **not specified**

RF Modeling

Tuesday, 13 February 2024 16:30 (20 minutes)

Presenter: OTHMAN, Mohamed (SLAC)

Session Classification: R&D updates

Contribution ID: 18

Type: **not specified**

Beam-Beam Simulations

Monday, 12 February 2024 11:30 (20 minutes)

Presenter: VAY, Jean-Luc (Lawrence Berkeley National Laboratory)

Session Classification: Synergies with other colliders

Contribution ID: 19

Type: **not specified**

LANL and CARIE Update

Monday, 12 February 2024 13:30 (20 minutes)

Presenter: SIMAKOV, Evgenya (LANL)

Session Classification: Synergistic Facilities

Contribution ID: 20

Type: **not specified**

UCLA Update

Monday, 12 February 2024 13:50 (20 minutes)

Presenter: ROSENZWEIG, James (UCLA)

Session Classification: Synergistic Facilities

Contribution ID: 21

Type: **not specified**

Cornell Update

Monday, 12 February 2024 14:10 (20 minutes)

Presenter: MAXSON, Jared (Cornell University)

Session Classification: Synergistic Facilities

Contribution ID: 22

Type: **not specified**

Collider Study Discussion

Session Classification: Synergistic Facilities

Contribution ID: 23

Type: **not specified**

Bunch Compression

Tuesday, 13 February 2024 14:10 (20 minutes)

Presenter: ROBLES, River (Stanford)

Session Classification: R&D updates

Contribution ID: 24

Type: **not specified**

Polarized Emitters

Tuesday, 13 February 2024 16:10 (20 minutes)

Presenter: PENNINGTON, Chad (Cornell)

Session Classification: R&D updates

Contribution ID: 25

Type: **not specified**

Demo Beam Dynamics

Tuesday, 13 February 2024 08:50 (20 minutes)

Presenter: WU, Juhao (SLAC)

Session Classification: Pathway to stage 1/2

Contribution ID: 26

Type: **not specified**

Radiabeam GRIT Beamline

Tuesday, 13 February 2024 09:10 (20 minutes)

Presenter: AGUSTSSON, Ronald (Radiabeam)

Session Classification: Pathway to stage 1/2

Contribution ID: 27

Type: **not specified**

Interaction Point Fast Feedback

Tuesday, 13 February 2024 11:10 (20 minutes)

Presenter: BETT, Douglas

Session Classification: Stage 2+ and Synergies

Contribution ID: 28

Type: **not specified**

XCC

Presenter: BARKLOW, Timothy (SLAC)

Session Classification: Stage 2+ and Synergies

Contribution ID: 29

Type: **not specified**

Distributed Coupling Accelerators Modes of Operation

Tuesday, 13 February 2024 09:30 (15 minutes)

Presenter: TANTAWI, Sami (SLAC)

Session Classification: Pathway to stage 1/2

Contribution ID: **30**

Type: **not specified**

XCC

Monday, 12 February 2024 14:30 (20 minutes)

Presenter: BARKLOW, Timothy (SLAC)

Session Classification: Synergistic Facilities

Contribution ID: 31

Type: **not specified**

Collider Design Studies Discussion

Tuesday, 13 February 2024 11:30 (30 minutes)

Presenter: GEDDES, Cameron (LBNL)

Session Classification: Stage 2+ and Synergies