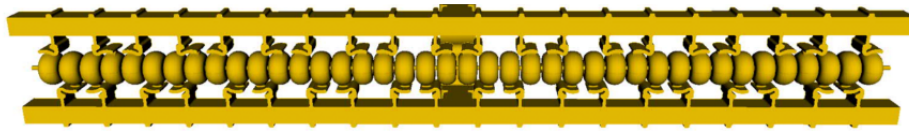


# Cold Copper Accelerator Technology and Applications Workshop

Cold Copper Accelerator Technology and Applications Workshop



Cornell University, August 31 – September 1, 2023

## Report of Contributions

Contribution ID: 1

Type: **not specified**

## Welcome and Overview

*Thursday, 31 August 2023 08:30 (15 minutes)*

**Presenter:** MAXSON, Jared

**Session Classification:** General Audience

**Track Classification:** General Audience

Contribution ID: 2

Type: **not specified**

## Overview of Cryo-RF initiatives

*Thursday, 31 August 2023 08:45 (25 minutes)*

**Presenter:** NANNI, Emilio

**Session Classification:** General Audience

Contribution ID: 3

Type: **not specified**

## **High Gradient Cu State of the Art**

*Thursday, 31 August 2023 09:10 (25 minutes)*

**Presenter:** WUENSCH, Walter

**Session Classification:** General Audience

Contribution ID: 4

Type: **not specified**

## **Cryomodule Design**

*Thursday, 31 August 2023 10:00 (20 minutes)*

**Presenter:** HAASE, Andy

**Session Classification:** Technical Discussion

Contribution ID: 5

Type: **not specified**

# Mechanical Fabrication and Vibrational Analysis of Split Block Accelerating Structures

*Thursday, 31 August 2023 10:20 (20 minutes)*

**Presenter:** DHAR, Ankur (SLAC National Accelerator Lab)

**Session Classification:** Technical Discussion

Contribution ID: 6

Type: **not specified**

## Cavity Damping

*Thursday, 31 August 2023 10:40 (20 minutes)*

**Presenter:** LI, Zhenghai

**Session Classification:** Technical Discussion

Contribution ID: 7

Type: **not specified**

## **Cryo-RF at UCLA**

*Thursday, 31 August 2023 11:30 (20 minutes)*

**Presenter:** LAWLER, Gerard (UCLA)

**Session Classification:** Technical Discussion



Contribution ID: 8

Type: **not specified**

## Progress at INFN

*Thursday, 31 August 2023 11:50 (20 minutes)*

**Presenter:** ALESINI, David

**Session Classification:** Technical Discussion

Contribution ID: 9

Type: **not specified**

## LANL Test Facility

*Thursday, 31 August 2023 12:10 (20 minutes)*

**Presenter:** SIMAKOV, Evgenya (LANL)

**Session Classification:** Technical Discussion

Contribution ID: **10**

Type: **not specified**

## **Radiabeam Test Facility**

*Thursday, 31 August 2023 13:30 (20 minutes)*

**Presenter:** MUROKH, Alex

**Session Classification:** Technical Discussion

Contribution ID: 11

Type: **not specified**

## **Beam Break Up Instability Calculations**

*Thursday, 31 August 2023 13:50 (20 minutes)*

**Presenter:** BOSCO, Fabio (University of California, Los Angeles)

**Session Classification:** Technical Discussion

Contribution ID: 12

Type: **not specified**

## Cavity Alignment

*Thursday, 31 August 2023 14:10 (20 minutes)*

**Presenter:** VAN DER GRAAF, Harry

**Session Classification:** Technical Discussion

Contribution ID: 13

Type: **not specified**

## Scandinova Modulators

*Thursday, 31 August 2023 15:00 (20 minutes)*

**Presenter:** EATON, Douglas

**Session Classification:** Technical Discussion

Contribution ID: 14

Type: **not specified**

## Canon Klystron Developments

*Thursday, 31 August 2023 15:20 (20 minutes)*

**Presenter:** WATANABE, Miki

**Session Classification:** Technical Discussion

Contribution ID: 15

Type: **not specified**

## EEC Permanent Magnets

*Thursday, 31 August 2023 15:40 (20 minutes)*

**Presenter:** CHOI, Heeju

**Session Classification:** Technical Discussion



Contribution ID: 16

Type: **not specified**

## **RF Developments at CCR**

*Thursday, 31 August 2023 16:00 (20 minutes)*

**Presenter:** IVES, R Lawrence (Calabazas Creek Research, Inc.)

**Session Classification:** Technical Discussion

Contribution ID: 17

Type: **not specified**

## **The C3 Collider**

*Friday, 1 September 2023 08:30 (20 minutes)*

**Presenter:** VERNIERI, Caterina

**Session Classification:** General Audience

Contribution ID: **18**

Type: **not specified**

## **The Ultra-Compact Free Electron Laser**

*Friday, 1 September 2023 08:50 (25 minutes)*

**Presenter:** ROSENZWEIG, James

**Session Classification:** General Audience

Contribution ID: 19

Type: **not specified**

## **A (Possible) High Gradient Linac at MSU/FRIB**

*Friday, 1 September 2023 09:20 (25 minutes)*

**Presenter:** GUEYE, Paul

**Session Classification:** General Audience

Contribution ID: 20

Type: **not specified**

## **Sustainability studies at CLIC and ILC**

*Friday, 1 September 2023 10:00 (15 minutes)*

**Presenter:** TITOV, Maksym

**Session Classification:** General Audience

Contribution ID: 21

Type: **not specified**

## Medical Applications

*Friday, 1 September 2023 10:15 (30 minutes)*

**Presenter:** TANTAWI, Sami

**Session Classification:** General Audience

Contribution ID: 22

Type: **not specified**

## MeV Ultrafast Electron Probes

*Friday, 1 September 2023 10:45 (29 minutes)*

**Presenter:** YANG, Xi

**Session Classification:** General Audience

Contribution ID: 23

Type: **not specified**

## **PWFA Staging at the C3 Demonstrator**

*Friday, 1 September 2023 11:30 (20 minutes)*

**Presenter:** KNETSCH, Alexander

**Session Classification:** General Audience



Contribution ID: 24

Type: **not specified**

## **Sustainability Studies for C3**

*Friday, 1 September 2023 11:50 (20 minutes)*

**Presenter:** NANNI, Emilio

**Session Classification:** General Audience

Contribution ID: 25

Type: **not specified**

## **Cornell's Roadmap for a greener future**

*Friday, 1 September 2023 12:10 (20 minutes)*

**Presenter:** CARSON, Sarah

**Session Classification:** General Audience