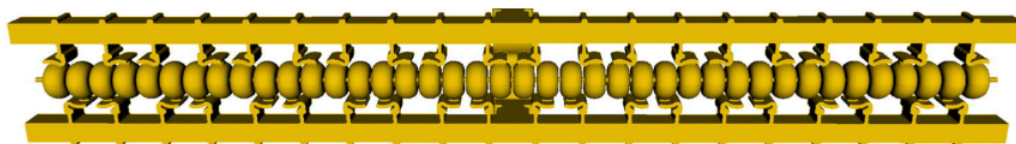


Session Program

August 31, 2023 to September 1, 2023

Cold Copper Accelerator Technology and Applications Workshop



Cornell University, August 31 – September 1, 2023

Cold Copper Accelerator Technology and Applications Workshop

General Audience

Cornell University, Clark Hall, 700
142 Sciences Dr, Ithaca, NY 14850

Thu, August 31

8:30 AM

General Audience: Welcome and Introduction

Session | **Location:** Cornell University, Clark Hall, 700, 142 Sciences Dr, Ithaca, NY 14850 | **Convener:** Jared Maxson

8:30 - 8:45 AM **Welcome and Overview**

Speaker
Jared Maxson

8:45 - 9:10 AM **Overview of Cryo-RF initiatives**

Speaker
Emilio Nanni

9:10 - 9:35 AM **High Gradient Cu State of the Art**

Speaker
Walter Wuensch

9:45 AM

Fri, September 1

8:30 AM

General Audience: Medium to Large Scale Applications

Session | **Location:** Cornell University, Clark Hall, 700, 142 Sciences Dr, Ithaca, NY 14850

8:30 - 8:50 AM **The C3 Collider**

Speaker
Caterina Vernieri

8:50 - 9:15 AM **The Ultra-Compact Free Electron Laser**

Speaker
James Rosenzweig

9:20 - 9:45 AM **A (Possible) High Gradient Linac at MSU/FRIB**

Speaker
Paul Gueye

9:45 AM

10:00 AM

General Audience: Room-scale Applications

Session | **Location:** Cornell University, Clark Hall, 700, 142 Sciences Dr, Ithaca, NY 14850

10:00 - 10:15 AM **Sustainability studies at CLIC and ILC**

Speaker
Maksym Titov

10:15 - 10:45 AM **Medical Applications**

Speaker
Sami Tantawi

10:45 - 11:14 AM **MeV Ultrafast Electron Probes**

Speaker
Xi Yang

11:15 AM

11:30 AM

General Audience: Sustainability

Session | **Location:** Cornell University, Clark Hall, 700, 142 Sciences Dr, Ithaca, NY 14850

11:30 - 11:50 AM **PWFA Staging at the C3 Demonstrator**

Speaker
Alexander Knetsch

11:50 AM - 12:10 PM **Sustainability Studies for C3**

Speaker
Emilio Nanni

12:10 - 12:30 PM **Cornell's Roadmap for a greener future**

Speaker
Sarah Carson

12:40 PM

12:41 PM

12:56 PM

General Audience: Closeout

Session | **Location:** Cornell University, Clark Hall, 700, 142 Sciences Dr, Ithaca, NY 14850