

Future US Colliders Workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

CCC Overview

Tuesday, 18 January 2022 14:10 (25 minutes)

Raimondi (Tentative)

Presenter: NANNI, Emilio (SLAC)

Session Classification: CCC Accelerator Complex

Contribution ID: 2

Type: **not specified**

RTML and Main Linacs

Session Classification: CCC Accelerator Complex

Contribution ID: 3

Type: **not specified**

Beam Delivery System and Final Focus

Tuesday, 18 January 2022 14:35 (25 minutes)

Presenter: WHITE, Glen (SLAC)

Session Classification: CCC Accelerator Complex

Contribution ID: 4

Type: **not specified**

Cryomodule and Cryogenics

Tuesday, 18 January 2022 16:00 (30 minutes)

Presenter: BREIDENBACH, Martin (SLAC)

Session Classification: CCC Accelerator Complex

Contribution ID: 5

Type: **not specified**

Diagnostics and Controls

Tuesday, 18 January 2022 16:30 (30 minutes)

Presenter: FRISCH, Josef (SLAC)

Session Classification: CCC Accelerator Complex

Contribution ID: 6

Type: **not specified**

Alignment / Vibrations

Session Classification: CCC Accelerator Complex

Contribution ID: 7

Type: **not specified**

Gamma-Gamma

Thursday, 20 January 2022 11:00 (30 minutes)

Presenter: BARKLOW, Timothy (SLAC)

Session Classification: CCC Demonstrator

Contribution ID: 8

Type: **not specified**

AI/ML

Thursday, 20 January 2022 11:30 (20 minutes)

Presenter: EDELEN, Auralee (SLAC)

Session Classification: CCC Demonstrator

Contribution ID: 9

Type: **not specified**

Plasma Technology

Thursday, 20 January 2022 11:50 (20 minutes)

Presenter: GESSNER, Spencer (SLAC)

Session Classification: CCC Demonstrator

Contribution ID: **10**

Type: **not specified**

Polarized Positrons

Thursday, 20 January 2022 12:10 (20 minutes)

Presenter: MUSUMECI, Pietro

Session Classification: CCC Demonstrator

Contribution ID: 11

Type: **not specified**

C-band Test Infrastructure

Wednesday, 19 January 2022 12:00 (30 minutes)

Presenter: SIMAKOV, Evgenya

Session Classification: CCC Demonstrator

Contribution ID: 12

Type: **not specified**

RF Sources, Cryomodule Production, Magents, Structures, Modulators, Civil Construction

Thursday, 20 January 2022 14:00 (30 minutes)

Presenter: WEATHERFORD, Brandon (SLAC)

Session Classification: Industrialization

Contribution ID: 13

Type: **not specified**

Cryomodule Production

Session Classification: Industrialization

Contribution ID: 14

Type: **not specified**

Modulators

Session Classification: Industrialization

Contribution ID: 15

Type: **not specified**

Civil Construction

Session Classification: Industrialization

Contribution ID: 16

Type: **not specified**

Permanent Magnets

Session Classification: Industrialization

Contribution ID: 17

Type: **not specified**

Demonstrator Parallel R&D (Time Permitting)

Thursday, 20 January 2022 10:20 (10 minutes)

Presenter: NANNI, Emilio (SLAC)

Session Classification: CCC Demonstrator

Contribution ID: **18**

Type: **not specified**

Accelerator Structure Fabrication and Test

Presenter: NANNI, Emilio (SLAC)

Session Classification: CCC Demonstrator

Contribution ID: 19

Type: **not specified**

High Brightness Source

Thursday, 20 January 2022 09:30 (30 minutes)

Presenter: MAXSON, Jared

Session Classification: CCC Demonstrator

Contribution ID: **20**

Type: **not specified**

RF Source

Thursday, 20 January 2022 10:00 (20 minutes)

Presenter: TANTAWI, Sami (SLAC)

Session Classification: CCC Demonstrator

Contribution ID: 21

Type: **not specified**

Accelerator Structure Design and Wakes

Thursday, 20 January 2022 09:00 (30 minutes)

Presenter: LI, Zenghai

Session Classification: CCC Demonstrator

Contribution ID: 22

Type: **not specified**

FEL

Friday, 21 January 2022 09:00 (30 minutes)

Presenter: ROSENZWEIG, Jamie

Session Classification: CCC Demonstrator

Contribution ID: 23

Type: **not specified**

Impact on DOE-SC Facilities for High Charge Beams

Friday, 21 January 2022 09:30 (30 minutes)

Presenter: DHAR, Ankur

Session Classification: CCC Demonstrator

Contribution ID: 24

Type: **not specified**

Compact Accelerator Applicaitons

Friday, 21 January 2022 10:00 (30 minutes)

Presenter: KEMP, Mark

Session Classification: CCC Demonstrator

Contribution ID: 25

Type: **not specified**

Machine Studies, Start-to-End Simulation Tolerances

Wednesday, 19 January 2022 15:30 (30 minutes)

Presenters: NG, Cho-Kuen; VAY, Jean-Luc (Lawrence Berkeley National Laboratory); QIANG, Ji

Session Classification: CCC Accelerator Complex

Contribution ID: 26

Type: **not specified**

Detector overview

Wednesday, 19 January 2022 16:30 (30 minutes)

Presenter: WHITE, Andy

Session Classification: Detectors

Contribution ID: 27

Type: **not specified**

MAPS development overview

Wednesday, 19 January 2022 17:00 (20 minutes)

Presenter: ROTA, Lorenzo (SLAC)

Session Classification: Detectors

Contribution ID: 28

Type: **not specified**

Implementation Task Force Update

Tuesday, 18 January 2022 11:00 (1 hour)

Implementation Task Force Update and Discussion

Presenter: ROSER, Thomas

Session Classification: Collider Concepts

Contribution ID: 29

Type: **not specified**

Siting

Session Classification: Collider Concepts

Contribution ID: **30**

Type: **not specified**

Fermilab Activities

Cryo components, alignment/tolerances, beam dynamics, beam line instrumentation

Contribution ID: 31

Type: **not specified**

FAST Experience and Opportunities

Friday, 21 January 2022 13:00 (30 minutes)

Presenter: BELOMESTNYKH, Sergey

Contribution ID: 32

Type: **not specified**

CCC Demonstrator R&D Timeline

Friday, 21 January 2022 14:00 (1 hour)

Session Classification: Demo Discussion / Remote Discussion

Contribution ID: 33

Type: **not specified**

Siting Discussion

Friday, 21 January 2022 13:30 (30 minutes)

Session Classification: Demo Discussion / Remote Discussion

Contribution ID: 34

Type: **not specified**

Snowmass Input Discussion: Enabling US participation in Future Higgs Factories

Tuesday, 18 January 2022 12:00 (30 minutes)

Presenter: ENO, Sarah

Session Classification: Collider Concepts

Contribution ID: 35

Type: **not specified**

Machine Studies, Start-to-End Simulation Tolerances

Session Classification: CCC Accelerator Complex

Contribution ID: **36**

Type: **not specified**

Machine Studies, Start-to-End Simulation Tolerances

Session Classification: CCC Accelerator Complex

Contribution ID: 37

Type: **not specified**

Discussion: Machine Studies, Start-to-End Simulation Tolerances

Thursday, 20 January 2022 16:30 (30 minutes)

Presenters: NG, Cho-Kuen; VAY, Jean-Luc (Lawrence Berkeley National Laboratory); QIANG, Ji

Session Classification: CCC Accelerator Complex

Contribution ID: **38**

Type: **not specified**

Cryogenics

Thursday, 20 January 2022 16:00 (30 minutes)

Presenter: BREIDENBACH, Martin (SLAC)

Session Classification: CCC Accelerator Complex

Contribution ID: 39

Type: **not specified**

Discussion: Diagnostics and Controls

Thursday, 20 January 2022 16:30 (30 minutes)

Presenter: FRISCH, Josef (SLAC)

Session Classification: CCC Accelerator Complex

Contribution ID: **40**

Type: **not specified**

Fermilab Activities

Thursday, 20 January 2022 15:00 (30 minutes)

Alignment/tolerances, beam dynamics, beam line instrumentation

Presenter: SOLYAK, Nikolay

Session Classification: CCC Demonstrator

Contribution ID: 41

Type: **not specified**

Welcome

Tuesday, 18 January 2022 14:00 (10 minutes)

Presenter: HEWETT, JoAnne (SLAC)

Session Classification: CCC Accelerator Complex

Contribution ID: 42

Type: **not specified**

Introduction

Tuesday, 18 January 2022 08:40 (20 minutes)

Contribution ID: 43

Type: **not specified**

Diagnostics and Controls

Thursday, 20 January 2022 14:30 (30 minutes)

Presenter: FRISCH, Josef (SLAC)

Session Classification: CCC Accelerator Complex

Contribution ID: 44

Type: **not specified**

1 or 2 detectors?

Wednesday, 19 January 2022 17:20 (10 minutes)

Presenter: BRAU, Jim (University of Oregon (US))

Session Classification: Detectors

Contribution ID: 45

Type: **not specified**

Cryomodule Design and Production Experince from Fermilab

Tuesday, 18 January 2022 15:00 (20 minutes)

Presenter: BELOMESTNYKH, Sergey

Session Classification: CCC Demonstrator

Contribution ID: 46

Type: **not specified**

Summary Physics case

Friday, 21 January 2022 11:00 (30 minutes)

Presenter: PESKIN, Michael (SLAC)

Session Classification: Snowmass Input Discussion

Contribution ID: 47

Type: **not specified**

Best elevator speech contest

Friday, 21 January 2022 11:30 (25 minutes)

Session Classification: Snowmass Input Discussion