

DPF/DPB Forum on US contributions to the European Strategy for Particle Physics

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction and update from DPF/DPB/P5 20+10'

Thursday 27 February 2025 07:40 (30 minutes)

Presenter: MURAYAMA, Hitoshi (University of California Berkeley (US))

Contribution ID: 2

Type: **not specified**

Higgs Factories 30+10'

Thursday 27 February 2025 08:15 (40 minutes)

Presenter: CAVALIERE, Viviana (Brookhaven National Lab)

Contribution ID: 3

Type: **not specified**

Muon Colliders 30+10'

Thursday 27 February 2025 10:45 (40 minutes)

Presenter: JINDARIANI, Sergo (Fermi National Accelerator Lab. (US))

Contribution ID: 4

Type: **not specified**

DUNE/neutrino experiments 30+10'

Thursday 27 February 2025 10:05 (40 minutes)

Presenters: MARSHALL, Chris (University of Rochester); MARSHALL, Chris (University of Rochester)

Contribution ID: 5

Type: **not specified**

Fermilab Accelerator Complex Evolution 10+5'

Thursday 27 February 2025 11:25 (15 minutes)

Presenter: VALISHEV, Alexander (Fermi National Accelerator Lab. (US))

Contribution ID: 6

Type: **not specified**

10 TeV pCM Wakefield Collider 15+5'

Thursday 27 February 2025 09:45 (20 minutes)

Presenter: GESSNER, Spencer (SLAC)

Contribution ID: 7

Type: **not specified**

The Electron Ion Collider 30+10'

Thursday 27 February 2025 12:05 (40 minutes)

1st Talk by Prof. Annalisa D'Angelo Enabling future detector technology within ePIC at the EIC (20 min)

2nd Talk by Andrei Seryi (JLab on the EIC collider (20min)

Authors: SERYI, Andrei (Jefferson Lab); Prof. D'ANGELO, Annalisa (University of Roma Tor Vergata & INFN Roma Tor Vergata)

Presenters: SERYI, Andrei (Jefferson Lab); Prof. D'ANGELO, Annalisa (University of Roma Tor Vergata & INFN Roma Tor Vergata)

Contribution ID: 8

Type: **not specified**

Training and education 10+5'

Thursday 27 February 2025 12:45 (15 minutes)

Presenter: LAMEE, Adam (American Physical Society)

Contribution ID: 9

Type: **not specified**

New ideas

Room for additional white papers. Contact dpfstrategy@fnal.gov

Contribution ID: **10**

Type: **not specified**

Discussion and next steps

Thursday 27 February 2025 14:30 (59 minutes)

Contribution ID: **11**

Type: **not specified**

Context for the European Strategy 20+10'

Thursday 27 February 2025 07:10 (30 minutes)

Presenter: MONTGOMERY, Hugh

Contribution ID: **12**

Type: **not specified**

Instrumentation 15+5'

Thursday 27 February 2025 13:00 (20 minutes)

Organized by CPAD - Sally Seidel, Jinlong Zhang and Jonathan Asaadi

Presenters: ZHANG, Jinlong (Argonne National Laboratory (US)); Prof. ASAADI, Jonathan (University of Texas at Arlington); ASAADI, Jonathan (University of Texas at Arlington)

Contribution ID: **13**

Type: **not specified**

Short introduction

Thursday 27 February 2025 07:01 (8 minutes)

Presenters: SCHELLMAN, Heidi Marie (Oregon State University (US)); SCHELLMAN, Heidi (Oregon State University)

Contribution ID: **14**

Type: **not specified**

LC Vision 10+5'

Contribution ID: 15

Type: **not specified**

Physics Prospects for a near-term 70 TeV Proton-Proton Collider 10+5'

Thursday 27 February 2025 09:30 (15 minutes)

Presenter: GRAY, Heather (UC Berkeley/LBNL)

Contribution ID: **16**

Type: **not specified**

HL-LHC 15+5'

Thursday 27 February 2025 13:20 (20 minutes)

Presenter: MCBRIDE, Patricia

Contribution ID: 17

Type: **not specified**

LC Vision 10'+5

Thursday 27 February 2025 08:55 (15 minutes)

Presenter: PESKIN, Michael

Contribution ID: **18**

Type: **not specified**

SBND 8+2'

Thursday 27 February 2025 13:55 (10 minutes)

Contact Ornella Palamara or David Schmitz

Presenter: Dr PANDEY, Vishvas (Fermilab)

Contribution ID: **19**

Type: **not specified**

Progress on the physics and project planning for the Forward Physics Facility at the LHC - 8+2'

Thursday 27 February 2025 13:40 (15 minutes)

Presenter: DIWAN, Milind Vaman (Brookhaven National Laboratory (US))

Contribution ID: **20**

Type: **not specified**

Session Chair - Sally Seidel

Thursday 27 February 2025 07:00 (1 minute)

Contribution ID: **21**

Type: **not specified**

Session Chair - Kate Scholberg

Thursday 27 February 2025 12:04 (1 minute)

Contribution ID: 22

Type: **not specified**

Session Chair - Hitoshi Murayama

Thursday 27 February 2025 09:29 (1 minute)

Contribution ID: 23

Type: **not specified**

Additional Contributed: pEDM

Thursday 27 February 2025 16:10 (20 minutes)

The agenda was closed on the 20th but Community members may post additional slides/white papers here by request.

Author: Prof. SEMERTZIDIS, Yannis (IBS/CAPP and KAIST in Republic of Korea (South Korea))

Presenter: Prof. SEMERTZIDIS, Yannis (IBS/CAPP and KAIST in Republic of Korea (South Korea))

Contribution ID: 24

Type: **not specified**

DPF/DPB Proposal for a broad US response

Thursday 27 February 2025 08:10 (5 minutes)

Presenter: SCHELLMAN, Heidi Marie (Oregon State University (US))

Contribution ID: 25

Type: **not specified**

Additional Contributed: REDTOP

Thursday 27 February 2025 16:35 (20 minutes)

Presenter: GATTO, Corrado (INFN & NIU)

Contribution ID: 26

Type: **not specified**

Additional white papers - This is a place for efforts that were not able to give talks to advertise their efforts.

Thursday 27 February 2025 16:00 (1 minute)