

**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, Sergio (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](mailto: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)*