

# **Scientific diversity meeting (ESPP-NL)**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Arrival with coffee and tea**

*Monday, 13 January 2025 09:00 (30 minutes)*

Contribution ID: 2

Type: **not specified**

## Block 1

Contribution ID: 3

Type: **not specified**

## Block 2

Contribution ID: 4

Type: **not specified**

## **Session 3: research areas and experiments complementary to a next collider**

Contribution ID: 5

Type: **not specified**

## Drinks

Contribution ID: 6

Type: **not specified**

## Welcome

*Monday, 13 January 2025 09:30 (5 minutes)*

**Presenter:** D'HONDT, Jorgen (Nikhef)

Contribution ID: 7

Type: **not specified**

## **Updates and news European process**

*Monday, 13 January 2025 09:35 (15 minutes)*

**Presenter:** ABEN, Rosemarie (Nikhef)



Contribution ID: 8

Type: **not specified**

## **Summary of SWOT analysis future scenarios and survey**

**Presenter:** WAALEWIJN, Wouter

Contribution ID: 9

Type: **not specified**

## Overview of future accelerators

**Presenter:** NELLIST, Clara

Contribution ID: **10**

Type: **not specified**

## **Session 1: Physics cases**

Contribution ID: 11

Type: **not specified**

## **Session 2: APP in PP strategy**

Contribution ID: 12

Type: **not specified**

## Summary of contributions

*Monday, 13 January 2025 15:50 (40 minutes)*

Contribution ID: 13

Type: **not specified**

## Introduction

**Presenter:** WAALEWIJN, Wouter

**Session Classification:** Session 1: Scientific diversity in particle physics experiments

Contribution ID: 14

Type: **not specified**

## **Standard Model Effective Field Theory and PDFs**

**Presenter:** ROJO, Juan

**Session Classification:** Session 1: Scientific diversity in particle physics experiments

Contribution ID: 15

Type: **not specified**

## Dark sectors

**Presenter:** WESTHOFF, Susanne

**Session Classification:** Session 1: Scientific diversity in particle physics experiments



Contribution ID: 16

Type: **not specified**

## **(high density) QCD studies**

**Presenter:** LEEUWEN, Marco van

**Session Classification:** Session 1: Scientific diversity in particle physics experiments

Contribution ID: 17

Type: **not specified**

## Flavour physics

**Presenter:** PERREVOORT, Ann-Kathrin

**Session Classification:** Session 1: Scientific diversity in particle physics experiments

Contribution ID: **18**

Type: **not specified**

## Higgs physics

**Presenter:** FILTHAUT, Frank (Radboud University / Nikhef)

**Session Classification:** Session 1: Scientific diversity in particle physics experiments

Contribution ID: **19**

Type: **not specified**

## **BSM searches**

**Presenter:** HAYES, Robin

**Session Classification:** Session 1: Scientific diversity in particle physics experiments

Contribution ID: 20

Type: **not specified**

## **Connections between gravitational waves and future colliders**

**Presenter:** FREISE, Andreas

**Session Classification:** Session 1: Scientific diversity in particle physics experiments

Contribution ID: 21

Type: **not specified**

## **Discussion on summarizing the physics cases**

**Session Classification:** Session 1: Scientific diversity in particle physics experiments

Contribution ID: 22

Type: **not specified**

## **Discussion on prioritizing the physics cases**

**Session Classification:** Session 1: Scientific diversity in particle physics experiments

Contribution ID: 23

Type: **not specified**

## **Session 1: Scientific diversity in particle physics experiments**



Contribution ID: 24

Type: **not specified**

## **Introduction to APPEC**

*Monday, 13 January 2025 09:50 (20 minutes)*

**Presenter:** Prof. D'HONDT, Jorgen (Nikhef)

Contribution ID: 25

Type: **not specified**

## **Case: FASER**

Contribution ID: 26

Type: **not specified**

## FASER

*Monday, 13 January 2025 10:10 (15 minutes)*

**Presenters:** ROJO, Juan; BRENNER, Lydia

**Session Classification:** Cases

Contribution ID: 27

Type: **not specified**

## SHiP

*Monday, 13 January 2025 10:40 (15 minutes)*

**Presenter:** Dr BOYARSKI, Alexey (Leiden University)

**Session Classification:** Cases

Contribution ID: 28

Type: **not specified**

## Neutrinos / DUNE

*Monday, 13 January 2025 14:00 (15 minutes)*

**Presenter:** JONG, Paul de

**Session Classification:** Cases

Contribution ID: 29

Type: **not specified**

## Cosmic rays

*Monday, 13 January 2025 13:00 (15 minutes)*

**Presenter:** TIMMERMANS, Charles

**Session Classification:** Cases

Contribution ID: **30**

Type: **not specified**

## **eEDM [+ pitches?]**

*Monday, 13 January 2025 11:40 (20 minutes)*

**Presenters:** DE VRIES, Jordy (UvA & Nikhef); HOEKSTRA, Steven (University of Groningen, and Nikhef)

**Session Classification:** Cases

Contribution ID: **31**

Type: **not specified**

## **Dark Matter / XLZD**

*Monday, 13 January 2025 13:30 (15 minutes)*

**Presenter:** DECOWSKI, Patrick

**Session Classification:** Cases



Contribution ID: 32

Type: **not specified**

## Gravitational waves / ET

*Monday, 13 January 2025 15:00 (15 minutes)*

**Presenter:** FREISE, Andreas

**Session Classification:** Cases

Contribution ID: 33

Type: **not specified**

## Ptolemy

*Monday, 13 January 2025 14:30 (15 minutes)*

**Presenter:** GROOT, Nicolo de

**Session Classification:** Cases

Contribution ID: 34

Type: **not specified**

## Theory

*Monday, 13 January 2025 11:10 (15 minutes)*

**Presenter:** WAALEWIJN, Wouter

**Session Classification:** Cases