

Session Program

20-21 Jun 2022

EP R&D Day 2022-1

Session 1 (EP R&D status, deliverables, ECFA roadmap, plans)

CERN globe

Tuesday 21 June

08:30

Session 1 (EP R&D status, deliverables, ECFA roadmap, plans)

Session | **Location:** CERN globe

08:30–09:30 WP6 High Speed Links

Speaker

Paulo Rodrigues Simoes Moreira

09:30–10:30 WP5 IC Technologies

Speaker

Kostas Kloukinas

Subcontributions

WP5 Overview, Status & Plans

Speaker

Kostas Kloukinas

Technology evaluation and design infrastructure

Speaker

Davide Ceresa

IP block development

Speaker

Franco Nahuel Bandi

Powering Solutions

Speaker

Stefano Michelis

10:30–10:50 Coffee

10:50–11:50 WP4 Mechanics

Speaker

Corrado Gargiulo

Subcontributions

Introduction status and plan

Speaker

Corrado Gargiulo

Detector robotics Interfaces

Speaker

Lorenzo Teofili

Low mass mechanic for cryostat**Speaker**

Maria Soledad Molina Gonzalez

Low mass mechanics for tracker**Speaker**

Massimo Angeletti

IRIS vertex, how to get closer to the interaction point**Speaker**

Corrado Gargiulo

11:50–12:50 WP8 Detector Magnets R&D**Speaker**

Matthias Mentink

Subcontributions**Introduction and Summary****Speaker**

Benoit Cure

Future plans**Speaker**

Matthias Mentink

Status report on HTS cable and related activities for future detector magnets**Speaker**

Anna Vaskuri

Status report on the new 4-T magnet facility, advanced magnet powering and 3D printed cryogenic materials**Speaker**

Shuvay Singh

12:50–13:50 Lunch**13:50–14:50 WP2 Gas Detectors****Speaker**

Eraldo Oliveri

Subcontributions**Overview, status and plans****Speakers**

Eraldo Oliveri, Christoph Rembser

PICOSEC multipad micromegas

Speaker

Antonija Utrobicic

Studies on the performance of RPCs operated with R-1234ze gas mixtures

Speaker

Gianluca Rigoletti

Signal formation in detectors with resistive elements

Speaker

Djunes Janssens

14:50-15:20

Quantum Sensors

Speaker

Michael Doser

15:20-15:50

Discussion

15:50-16:10

Coffee

17:45