

Session Program

18-21 Mar 2024



AIDAinnova 3rd Annual meeting

Stream 1

Monday 18 March

14:00

Stream 1: WP11 Microelectronics

Session | **Location:** Sala Bellini | **Conveners:** Dr Christophe De La Taille, Angelo Rivetti

14:15–14:30 introduction

Speakers

Angelo Rivetti, Dr Christophe De La Taille

Location

Sala Bellini

14:30–14:45 WP11.2 28 nm update from CPPM

Speaker

Mohsine Menouni

Location

Sala Bellini

14:45–15:00 WP11.2 28 nm update from INFN PV

Speakers

Luigi GAIONI, Valerio Re

Location

Sala Bellini

15:00–15:15 WP11.2 28 nm update from AGH

Speaker

Marek Idzik

Location

Sala Bellini

15:15–15:30 WP11.2 28 nm update from U Bonn

Speaker

Mr Kennedy Caisley

Location

Sala Bellini

16:00–16:20 Coffee break

16:20–16:35 WP11.3 130nm update from AGH

Speaker

Marek Idzik

Location

Sala Bellini

16:35–16:50 WP11.3 130nm update from CNRS/OMEGA

Speakers

Mr Damien Thienpont, Damien Thienpont

Location

Sala Bellini

16:50–17:05

WP11.3 130nm update from INFN/TO**Speakers**

Andrea Di Salvo, Manuel Rolo

Location

Sala Bellini

17:05–17:20

WP11.3 130nm update from WEEROC**Speaker**

JULIEN FLEURY

Location

Sala Bellini

17:30

Tuesday 19 March

09:30

Stream 1: WP7- Gaseous detectors

Session | **Location:** Sala Bellini | **Conveners:** Silvia Dalla Torre, Burkhard Schmidt

09:30–09:40

Task 7.1: Introduction and organisational issues

Speakers

Burkhard Schmidt, Silvia Dalla Torre

09:40–10:00

Task 7.2.1: Multi-gap RPCs (MRPCs) for fast timing

Speaker

Crispin Williams

10:00–10:20

Task 7.2.2: Shower development in SDHCAL

Speaker

Mary-Cruz Fouz Iglesias

10:20–10:40

Task 7.2.3: Eco-friendly gas mixtures for RPC

Speakers

Beatrice Mandelli, Davide Piccolo

10:40–11:00

Task 7.3.1: Development of resistive electrodes for MPGDs

Speaker

Piet Verwilligen

11:00–11:20

Coffee / Tea break

11:20–11:40

Task 7.3.2: Industrial engineering of high-rate μ -RWELLS

Speaker

Matteo Giovannetti

11:40–12:00

Task 7.4.1: A 4-channel electronic board for cluster counting

Speakers

Dr Francesco Grancagnolo, Francesco Grancagnolo

12:00–12:20

Task 7.4.2: High pressure gas TPC for neutrino physics

Speakers

Diego Gonzalez Diaz, Dr Xianguo Lu

12:20–12:40

Task 7.5: Photon detectors for hadron particle identification at high momenta

Speaker

Silvia Dalla Torre

13:00

14:30

Stream 1: WP8- Calorimeters and particle identification detectors

Session | **Location:** Sala Bellini | **Conveners:** Roberto Ferrari, Roman Poeschl

14:30–14:40

WP8: Introduction and News

Speakers

Roberto Ferrari, Roman Poeschl

14:40–14:55

Task 8.3.1: R&D on Crystal and nanomaterial scintillators**Speaker**

Etienne Auffray Hillemanns

14:55–15:10

Task 8.3.1: The upgrade of the Belle II electromagnetic calorimeter with SiPM readout**Speaker**

Claudia Cecchi

15:10–15:25

Task 8.3.2: Large area scintillator detectors**Speaker**

Alessandro Montanari

15:25–15:40

Task 8.4.1: Innovative SiPMs and future applications in PiD Detectors**Speaker**

Rok Pestotnik

15:40–15:55

Task 8.4.1: Irradiation SiPM tests at Padova**Speakers**

Ezio Torassa, Jakub Kandra, Roberto Stroili

16:00–16:20

Coffee Break

16:20–16:35

Task 8.4.1: Subtask multi channel readout and adaptive power supply**Speaker**

Ivo Polak

16:35–16:55

Task 8.4.2: Highly-granular dual-readout fibre-sampling calorimeters**Speaker**

Romualdo Santoro

16:55–17:15

Task 8.2.1: Integration aspects of highly granular calorimeters**Speakers**

Katja Kruger, Vincent Boudry

17:15–17:30

Task 8.2.1: SiW ECAL ASUs - PCB Metrology and Hybridisation**Speaker**

Roman Poeschl

17:30–17:50

Task 8.2.1: Tests of Si Sensors (not only) for LUXE**Speaker**

Yan Benhammou

17:50–18:10

Task 8.2.2 - Future liquid noble gas calorimeters**Speaker**

Nicolas Morange

18:10

Wednesday 20 March

09:30

Stream 1: WP10- Advanced mechanics for tracking and vertex detectors

Session | **Location:** Sala Crociferi | **Conveners:** Marcel Vos, Paolo Petagna

09:30–09:40 **Welcome and introduction (10')**

Speakers

Paolo Petagna, Marcel Vos

09:40–09:55

Programme for the LPNHE postdoc and stats of the hiring process (15')

Speaker

Giovanni Calderini

09:55–10:10 **News from INFN (15')**

Speakers

filippo bosi, Fabrizio Palla, Fabrizio Palla, Giorgio Baldinelli, Dr Giorgio Baldinelli

10:10–10:30 **Activities at CSIC (IFIC and CNM) (20')**

Speaker

Marcel Vos

10:30–10:50 **Status and outlook of the new HLL clean room (20')**

Speakers

Laci Andricek, Laci Andricek

11:00–11:20 **Coffee break**

11:20–11:35 **Activities at UNIOXF (15')**

Speakers

Georg Viehhauser, Georg Viehhauser

11:35–11:40 **Ultra-light structures: process transfer to Workshape (5')**

Speaker

Massimo Angeletti

11:40–12:10

Update on CSEM-CERN activities on 3D printed metal components (30')

Speakers

Samuel Unterhofer, Massimo Angeletti, Samuel Unterhofer

12:10–12:30

Update on Lithoz-CERN activities on 3D printed ceramic components (20')

Speakers

Martin Schwentenwein, Massimo Angeletti

12:30–12:50 **Test rigs for Supercritical fluids testing at CERN and NTNU (20')**

13:00

Speakers

Ms Camila Rocio Pedano Medina, Luca Contiero, Luca Contiero, Paolo Petagna