

## **Session Program**

**24-27 Apr 2023**



## **AIDAinnova 2nd Annual meeting**

### ***Stream 1***

Valencia  
ADEIT and CSIC

# Monday 24 April

14:05

## Stream 1: WP11 Microelectronics

### Session |

**Location:** Aula 2.4, <https://cern.zoom.us/j/62314643878?pwd=cm9qTURPekVDS2RadWZ0cE9SY1ZNQT09>, <https://cern.zoom.us/j/62314643878?pwd=cm9qTURPekVDS2RadWZ0cE9SY1ZNQT09> |

**Conveners:** Angelo Rivetti, Dr Christophe De La Taille

14:20-14:35 **introduction**

### Speakers

Angelo Rivetti, Dr Christophe De La Taille

14:35-14:50 **WP11.2 28 nm update from CPPM**

### Speaker

Mohsine Menouni

14:50-15:05 **WP11.2 28 nm update from INFN PV**

### Speaker

Valerio Re

15:05-15:20 **WP11.2 28 nm update from AGH**

### Speaker

Marek Idzik

15:20-15:35 **WP11.2 28 nm update from U Bonn**

15:35-15:50 **coffee**

15:50-16:05 **WP11.3 130nm update from AGH**

### Speaker

Marek Idzik

16:05-16:20 **WP11.3 130nm update from CNRS/OMEGA**

### Speaker

Damien Thienpont

16:20-16:35 **WP11.3 130nm update from DESY**

16:35-16:50 **WP11.3 130nm update from INFN/BA/PV**

16:50-17:05 **WP11.3 130nm update from INFN/BO/LNF**

17:05-17:20 **WP11.3 130nm update from INFN/TO**

### Speakers

Andrea Di Salvo, Manuel Rolo

17:20-17:35 **WP11.3 130nm update from WEEROC**

### Speaker

JULIEN FLEURY

18:30

# Tuesday 25 April

09:30

## Stream 1: WP7- Gaseous detectors

### Session |

**Location:** Aula 2.7, <https://cern.zoom.us/j/62314643878?pwd=cm9qTURPekVDS2RadWZ0cE9SY1ZNQT09>, <https://cern.zoom.us/j/62314643878?pwd=cm9qTURPekVDS2RadWZ0cE9SY1ZNQT09> |

**Conveners:** Silvia Dalla Torre, Burkhard Schmidt

09:30–09:40

### Task 7.1: Introduction and organisational issues

#### Speaker

Burkhard Schmidt

09:40–09:55

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

#### Speaker

Crispin Williams

10:00–10:15

### Task 7.2.2: Shower development in SDHCAL

#### Speaker

Mary-Cruz Fouz Iglesias

10:20–10:35

### Task 7.2.3: Eco-friendly gas mixtures for RPC

#### Speakers

Beatrice Mandelli, Davide Piccolo

10:40–10:55

### Task 7.3.1: Development of resistive electrodes for MPGDs

#### Speaker

Piet Verwilligen

11:00–11:15

### Task 7.3.2: Industrial engineering of high-rate $\mu$ -RWELLS

#### Speaker

Matteo Giovannetti

11:20–11:40

### Coffee / Tea break

11:40–11:55

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

#### Speakers

Francesco Grancagnolo, Dr Francesco Grancagnolo

12:00–12:15

### Task 7.4.2: High pressure gas TPC for neutrino physics

#### Speaker

Dr Xianguo Lu

12:20–12:35

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

#### Speaker

Silvia Dalla Torre

13:00

15:00

**Stream 1: WP8- Calorimeters and particle identification detectors****Session** |**Location:** Aula 2.4, <https://cern.zoom.us/j/62314643878?pwd=cm9qTURPekVDS2RadWZ0cE9SY1ZNQT09>, <https://cern.zoom.us/j/62314643878?pwd=cm9qTURPekVDS2RadWZ0cE9SY1ZNQT09> |**Conveners:** Roman Poeschl, Roberto Ferrari, Katja Kruger**15:00-15:15 WP8: Introduction and News****Speakers**

Katja Kruger, Roberto Ferrari, Roman Poeschl

**15:15-15:35 Task 8.4.1 - Innovative SiPMs and future applications in PiD Detectors****Speaker**

Rok Pestotnik

**15:35-15:50 SiPM test for the Belle II barrel PID detector upgrade****Speakers**

Ezio Torassa, Roberto Stroili

**15:50-16:05 Task 8.4.1 Subtask multi channel readout and adaptive power supply****Speakers**

Gerald Eigen, Ivo Polak

**16:10-16:30 Task 8.4.2 - Highly-granular dual-readout fibre-sampling calorimeters****Speaker**

Romualdo Santoro

**16:40-17:00 Task 8.2.1 - Integration aspects of highly granular calorimeters****Speaker**

Vincent Boudry

**17:10-17:30 Task 8.2.2 - Future liquid noble gas calorimeters****Speaker**

Jana Faltova

**17:40-18:00 Task 8.3.2 - Large area scintillator detectors****Speaker**

Frank Simon

**18:10-18:30 Task 8.3.1 - R&D on Crystal and nanomaterial scintillators****Speaker**

Etiennette Auffray Hillemanns

19:00

# Wednesday 26 April

09:30

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

**Session** |

**Location:** Aula 2.4, <https://cern.zoom.us/j/61522320218?pwd=ZGpWT3F6YXk0ZmRYT1dFTSswRkpmQT09>, <https://cern.zoom.us/j/61522320218?pwd=ZGpWT3F6YXk0ZmRYT1dFTSswRkpmQT09> |

**Conveners:** Paolo Petagna, Marcel Vos

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

09:55–10:15

**CoolFPGA: results from experiments and simulations (20')**

**Speakers**

Dr Giorgio Baldinelli, Giorgio Baldinelli

10:15–10:35

**Activities at CSIC (20')**

**Speakers**

Marcel Vos, Carlos Marinas Pardo, Carlos Marinas Pardo

10:35–10:55

**Activities at CNM (20')**

**Speaker**

Miguel Ullan

10:55–11:15

**HLL results from 4-sides buttable chips with integrated channels (20')**

**Speaker**

Sebastian Stadler

11:15–11:35

**Si-Si bonding status at HLL (20')**

**Speakers**

Laci Andricek, Laci Andricek

11:35–11:55

**COFFEE BREAK (20')**

11:55–12:10

**Activities at UNIOXF (15')**

**Speakers**

Georg Viehhauser, Georg Viehhauser

12:10–12:30

**Tests on ultra-light structures and on 3D printed samples (20')**

**Speaker**

Massimo Angeletti

12:30–12:50

**3D printed ceramic components: results, next steps, ideas (20')**

**Speaker**

Martin Schwentenwein

12:50–13:10 **3D printed metal components: results, next steps, ideas (20')**

**Speakers**

Samuel Unterhofer, Olha Sereda

13:10–13:30 **Test rigs for Supercritical fluids testing at CERN and NTNU (20')**

**Speakers**

Ms Camila Rocio Pedano Medina, Luca Contiero, Luca Contiero

13:30