

## **Session Program**

**24-27 Apr 2023**



## **AIDAinnova 2nd Annual meeting**

### ***Stream 2***

Valencia  
ADEIT and CSIC

# Monday 24 April

15:30

## Stream 2: WP4 - Upgrade of Irradiation and Characterization Facilities

Session | Location: Aula 2.7

### 15:30–15:40 WP4.1: Introduction by WP Coordination

#### Speakers

Federico Ravotti, Fernando Jose Arteché Gonzalez

### 15:40–16:10 WP4.2: Micro-beam Upgrade at RBI Accelerator Facility

#### Speakers

Georgios Provas, Stjepko Fazinic

### 16:10–16:40 session break

16:40–17:10

### WP4.3 - Common Tools for Facilities QC: Data Management, Traceability, Dosimetry & Activation Meas.

#### Speaker

Blerina Gkotse

17:10–17:40

### WP4.4 - Design & Development of a New Sensor Characterization System based on TPA-TCT Technique

#### Speaker

Michael Moll

17:40–18:10

### WP4.5 - Design & Development of a New Electronics Characterization System for EMC Control

#### Speaker

Fernando Jose Arteché Gonzalez

### 18:10–18:30 WP4 - Session Wrap-up

#### Speakers

Federico Ravotti, Fernando Jose Arteché Gonzalez

18:30

## Tuesday 25 April

09:30

### Stream 2: WP6- Hybrid pixels sensors for 4D tracking and interconnection technologies

Session |

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

Conveners: Anna Macchiolo, Claudia Gemme

09:30-09:50 **Introduction**

**Speakers**

Anna Macchiolo, Claudia Gemme

09:50-10:10 **Status of LGAD and 3D Productions at CNM**

**Speaker**

Neil Moffat

10:10-10:11 **Status of LGAD and 3D productions at FBK [TBC]**

10:15-10:35 **LGAD and 3D TCAD simulations**

**Speaker**

Tommaso Croci

10:35-10:55 **Status of ACF**

**Speakers**

Dominik Dannheim, Peter Svihra

11:15-11:35 **Coffee**

11:35-11:55 **Status of W2W bonding**

**Speaker**

Fabian Huegging

11:55-12:25 **Test-beam plans and devices validation**

**Speakers**

Gregor Kramberger, Dr Ivan Vila Alvarez

13:30

15:00

### Stream 2: WP5- Depleted monolithic active pixel sensors

Session |

Location: Aula 2.7, <https://cern.zoom.us/j/61522320218?pwd=ZGpWT3F6YXk0ZmRYT1dFTSswRkpmQT09>, <https://cern.zoom.us/j/61522320218?pwd=ZGpWT3F6YXk0ZmRYT1dFTSswRkpmQT09> |

Conveners: Fabian Huegging, Norbert Wermes, Sebastian Grinstein

15:00-15:20 **Recent Results on irradiated LF Monopix 2**

**Speaker**

Lars Philip Schall

15:20-15:40 **Results on TJ Malta**

**Speaker**

Marcos Vazquez Nunez

**15:40-16:00 Performance of unirradiated TJ-Monopix 2****Speaker**

Christian Bespin

**16:15-16:30 Coffee break****16:30-16:50 Obelix for Belle II****Speaker**

Maximilian Babeluk

**16:50-17:10 Sub 100 ps time measurements with non-amplified DMAPS****Speakers**

Jean-Pierre Meyer, Prof. Philippe Schwemling, Philippe Schwemling, Philippe Schwemling, Dr Yavuz Degerli

**17:10-17:30****Development and evaluation of the RD50-MPW chips in the LFoundry 150 nm HV-CMOS process****Speakers**

Ricardo Marco Hernandez, Dr Ricardo Marco Hernandez

**17:30-17:50 DMAPS activities at PSI****Speaker**

Stephan Tobias Burkhalter

**17:50-18:10 DMAPS developments in TPSCo 65nm****Speaker**

Jerome Baudot

**18:10-18:30 Ring oscillator tests in TJ/TPSCo 65****Speaker**

Marlon B. Barbero

19:00

## Wednesday 26 April

09:30

### Stream 2: WP3- Test beam and DAQ infrastructure

**Session** |

**Location:** Aula 2.3, <https://cern.zoom.us/j/62314643878?pwd=cm9qTURPekVDS2RadWZ0cE9SY1ZNQT09>, <https://cern.zoom.us/j/62314643878?pwd=cm9qTURPekVDS2RadWZ0cE9SY1ZNQT09>

09:30–09:35 **Introduction and welcome**

**Speaker**

Marcel Stanitzki

09:35–09:50 **Task 3.2: telescope infrastructure**

**Speaker**

Adrian Herkert

09:55–10:10 **Task 3.3: Picosecond TLU**

**Speakers**

David Cussans, David Cussans

10:15–10:30 **Task 3.3: Timepix4 status**

**Speakers**

Kazuyoshi Carvalho Akiba, Martin Van Beuzekom

10:35–10:45 **Technical Stop**

10:45–11:00 **Task 3.4: DQM for EUDAQ2**

**Speaker**

Andreas Loeschcke Centeno

11:05–11:20 **Task 3.5: Caribou status**

**Speakers**

Eric Buschmann, Peter Svihra

11:25–11:40 **Task 3.5: VMM3 status**

**Speaker**

Lucian Scharenberg

13:30