

Introductory Talk

P. Giacomelli (INFN Bologna)

INFN Bologna

AIDAinnova Scientific coordinator



- **First of all I would like to congratulate the organisers of this Annual meeting!!**
- **It is really great to finally be able to meet a good number of in-person AIDAinnova members after such a long time**
- **This is vital for AIDAinnova where collaboration and cross-fertilisation are the most important assets of the project**

- **First Project Review meeting on 17/01/2023: <https://indico.cern.ch/event/1215209/>**
- **Outcome was rather positive**
- **We were mostly asked to describe how our results compare with the state-of-the-art in the field**
- **We have updated the P1 report with this information for almost all WPs**

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 - **P1 report accepted on 20/03**

- **ECFA detector roadmap** approved by Council, defined the implementation
- New **DRD** groups, organised similarly (calorimetry, solid state detectors, gaseous detectors, electronics, etc.) to AIDAinnova
 - Important to join the groups of interest: <https://indico.cern.ch/event/957057/page/27294-implementation-of-the-ecfa-detector-rd-roadmap>
 - DRDs will be finalised by the end of 2023 and should be fully operational from January 2024
- ECFA and AIDAinnova managements met on September 27th, 2022
 - Ensured that all activities covered by AIDAinnova are also contained in the DRDs (one missing activity that was discussed is innovative software)
 - Aim to exploit at best the possible synergies and complementarities

- **We had an extensive discussion with the coordinators of I.FAST and LEAPS-INNOV**
- **We were mostly asked to describe how our results compare with the state-of-the-art in the field**
- **We have updated the P1 report with this information for almost all WPs**

- 3 Innovation pilots:
 - **AIDAinnova** (detector, CERN, PG)
 - **I.FAST** (accelerators, CERN, Maurizio Vretenar)
 - **LEAPS-INNOV** (light sources, DESY, Elke Ploenjes)
- MoC finalised
- Coordinators last met on November 7th, 2022
 - Discussed the 2023-2024 EU work programme draft. Decided to focus on the 2024-2025 EU work programme
 - Decided to prepare by Spring 2023 a common report to the EU
 - Also discussed a possible common **Academia meets Industry event** in 2024
- Next meeting will be on **May 26th, 2023**

- **13 Work Packages (WPs)**

- **2 Administration WPs**

- **10 Scientific WPs**

- **1 “Blue-sky” WP**

- **2 coordinators/WP**

- **Scientific and Industrial Advisory Panel**

- **I. Ionak-Auer (AMS AG)**

- **D. Fournier (LAL)**

- **M. Kasemann (DESY)**

- **P.S. Marrocchesi (Univ. Siena)**

- **P. Merkel (FNAL)**

- **J. Strait (LBNL)**

- **WP1: Project management and coordination**

- **WP2: Communication, Education and Innovation**

- **WP3: Test beam and infrastructure**

- **WP4: Upgrade of Irradiation and Characterization Facilities**

- **WP5: Depleted Monolithic Active Pixel Sensors**

- **WP6: Hybrid pixels sensors for 4D Tracking and Interconnection Technologies**

- **WP7: Gaseous detectors for frontier science**

- **WP8: Calorimeters and Particle Identification detectors**

- **WP9: Cryogenic neutrino detectors**

- **WP10: Advanced mechanics for tracking and vertex detectors**

- **WP11: Microelectronics**

- **WP12: Software**

- **WP13: Prospective and Technology-driven Detector R&D**

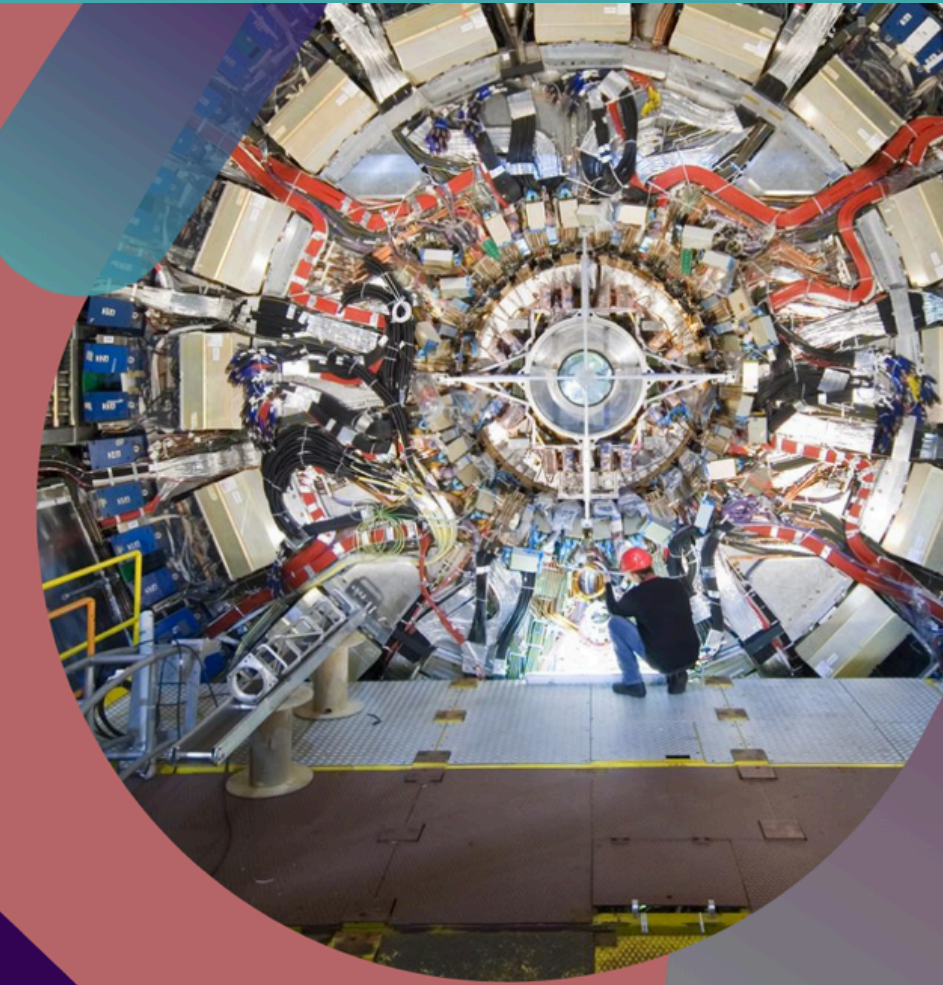
When: April 27th

Where: Valencia (Spain)

Theme: **Advanced mechanics**

Indico page: <https://indico.cern.ch/event/1231591/>

Organised in conjunction with I.FAST



ACADEMIA MEETS INDUSTRY ADVANCED MECHANICS

The AIDAInnova Industry meets Academia event aims at fostering synergies between detector R&D programmes of AIDAInnova members and the industry, by creating awareness of strategic R&D topics in academia and of strategic industry needs for which industry-academia collaborations could be envisaged.

The first AIDAInnova Academia meets Industry will focus on **Advanced Mechanics**, and will consist of technical talks by industry and academic partners, industrial exhibition for industrial partners and a network cocktail reception.

The event will be hosted by IFIC (UV/CSIC) at ADEIT in Valencia, Spain.

indico.cern.ch/event/1231591/

**THURSDAY,
APRIL 27TH**


**VALENCIA,
SPAIN**



CSIC
CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS

UE FUNDACIÓ UNIVERSITAT EMPRESA
UNIVERSITAT DE VALÈNCIA



 This project has received funding from the European Union's Horizon 2020 Research and Innovation programme under Grant Agreement No 101004761.

TIPP2023 conference

4-8 September 2023

Indico page: <https://indico.tlabs.ac.za/event/112/overview>

M. Caccia, P. Giacomelli, C. de la Taille and M. Titov are organising a session on Academia and Industry issues (IP, Technology Transfer, etc.).

Asking for input from all around the world.

AIDAinnova and I.FAST are among the projects that promised to provide feedback.

TIPP2023

TECHNOLOGY IN INSTRUMENTATION & PARTICLE PHYSICS CONFERENCE

4 - 8 SEPTEMBER 2023

Topics

Accelerator-based particle physics
 Non-accelerator particle physics and particle astrophysics
 Experiments with synchrotron radiation and neutrons
 Nuclear physics
 Cosmology
 Instrumentation and monitoring of particle and photon beams
 Applications in photon science, biology, medicine, and engineering

The conference aims to provide a stimulating atmosphere for science and engineering for future experiments and social applications.

International Advisory Committee

Elisabetta Barberio	Manfred Krammer
Ties Behnke	Gobinda Majumder
Sara Bolognesi	Ana Amelia Machado
Shikma Bressler	Petra Merkel
Florencia Canelli	Joachim Mnich
Cinzia Da Via	Nadia Pastrone
Marcel Demarteau	Fabrice Retiere
Maria Teresa Dova	Yuri Tikhonov
Latifa Elouadrhiri	Maksym Titov
Antonio Ferrer	Grigorii Trubnikov
Francesco Forti	Niels van Bakel
Ingrid-Maria Gregor	Zebnon Vilakazi
Borys Grynyov	Jianchun Wang
Kazunori Hanagaki	Yifang Wang
Karl Jakobs	Marc Winter
Antoine Kouchner	

Local Organizing Committee

Shimaa AbuZeid	Oscar Kureba
Imane Azzouzi	Bruce Mellado (Chair)
Raja Cherkaoui El Moursli	Peane Maleka
Serigne Bira Gueye	Amr Radi
Peter Jones	Yahya Tayalati
Naima El Khayati	Michelle Bark
Betty Kibirige	Sahal Yacoob



LEAPS-INNOV Industry Office Workshop 2023

30 May - 1 June 2023

Lund, Sweden

Organised by LEAPS-INNOV

AIDAinnova and I.FAST are invited to participate.



LEAPS-INNOV Industry Office Workshop 2023 in Lund

30 May 2023 to 1 June 2023
MAX IV & Elisefarm
Europe/Stockholm timezone

Overview

Timetable

Registration

Travel to MAX IV in Lund

Additional travel information

Accommodation at Elisefarm

Payment

Contact

✉ industryoffice@maxiv.lu.se



Welcome to the LEAPS-INNOV Industry Office Workshop 2023 in Lund

Finally! After much time without seeing each other, it is with great pleasure that we invite you to join the LEAPS-Innov three-day lunch-to-lunch meeting in Lund, Sweden, from May 30th to June 1st.

The workshop will focus on the activities of Work Package 8. We will also take this time to get to know each other better and discuss our capabilities and needs. We will listen to several keynote sessions and invited speakers and have plenty of opportunities for open discussions on future collaborations.

We will gather at MAX IV for lunch on May 30th and travel to the venue [Elisefarm](#) (20 min outside Lund) late afternoon with a joint bus to continue the workshop. We will return to Lund by bus after lunch on June 1st.

Feel free to reach out to us via industryoffice@maxiv.lu.se.

Workshop program

Please find the tentative program under [Timetable](#).

Registration deadline

The deadline for registration is April 16th, 2023. Please register below.

- **EURO-LABS**, our TA project
 - Started on September 1st, 2022
 - TA requests can be made using EURO-LABS funds
 - **EURO-LABS website:** <https://web.infn.it/EURO-LABS/>
 - WP4 offers a TA very similar to AIDA-2020 but with a **larger budget**
 - P. Giacomelli is the project coordinator and M. Mikuz is the WP4 coordinator
 - **Strongly encourage** AIDAinnova groups to submit funding requests
 - Procedure is described here: <https://web.infn.it/EURO-LABS/how-to-apply-for-transnational-access/>



The Project

PROJECT ACRONYM: EURO-LABS – EUROpean Laboratories for Accelerator Based Science
PROGRAMME: Horizon EU (Research infrastructure services to support health research, accelerate the green and digital transformation, and advance frontier knowledge)
DURATION: September 2022- August 2026 (4 years)
TOTAL BUDGET: 14.5 M€
TOTAL EC CONTRIBUTION: 14.2 M€
CONSORTIUM: 33 participants from 18 countries
PROJECT COORDINATOR: Paolo Giacomelli (INFN)

The project brings together, for the first time, the three research communities of nuclear physics, accelerator and detector technologies for high energy physics, in a pioneering super-community of sub-atomic scientists.

It provides effective access to a network of 47 Research Infrastructures (including 3 RIs with Virtual Access) to conduct curiosity-based research, addressing fundamental questions and technological challenges and advancing projects with broad societal impact, fostering knowledge sharing between scientific fields and enhancing Europe's potential for successfully facing future challenges.

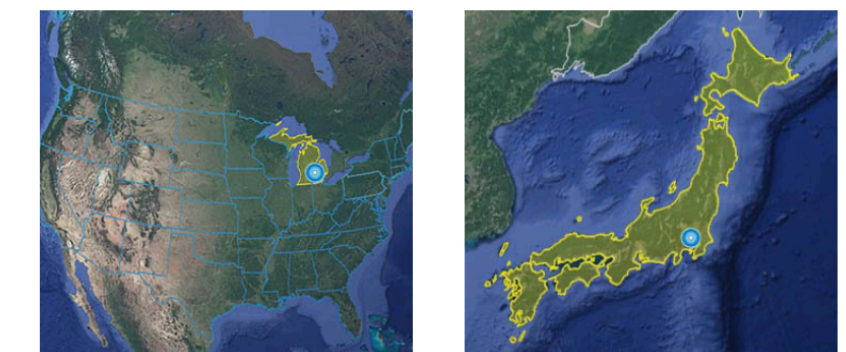
It allows a synergic implementation of best practices for data management and activities relating to targeted service improvements at these RIs. Joint training activities are foreseen to develop the skills of the next generation researchers to optimally use the RIs services for scientific and technological discoveries.

WHO IS INVOLVED

EURO-LABS is a network of 33 research and academic institutions from 18 countries (25 beneficiaries and 8 associated partners) from European and non-EU countries, involving 47 Research Infrastructures in the Nuclear physics, Accelerators and Detectors pillars. Within this large network, EURO-LABS will ensure diversity and actively support researchers from different nationalities, gender, age, grade, and variety of professional expertise.



Courtesy Google Earth



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 - Aim to have even more collaboration towards joint academia-industry initiatives

Backup