

Session Program

27-30 Oct 2024



EURO-LABS 3rd Annual Meeting

Plenary session

CERN

Monday 28 October

08:30

Plenary session: General

Session | **Location:** CERN, 222/R-001 | **Convener:** Ilias Efthymiopoulos

08:30–08:50 **Registration**

Speaker

Ilias Efthymiopoulos

08:50–09:00 **Opening**

Speaker

Ilias Efthymiopoulos

09:00–09:30 **Welcome address**

Speaker

Joachim Josef Mnich

09:30–10:00 **Project scientific report**

Speaker

Navin Alahari

10:00–10:30 **Nuclear Physics Roadmap**

Speaker

Marek Lewitowicz

10:30–11:00 **coffee break**

11:00–11:30 **ECFA report on HEP activities en route to the ESPP update**

Speaker

Paris Sphicas

11:30–12:00

Challenges and R&D opportunities for the Future electron-positron Circular Collide

Speaker

Jacqueline Keintzel

12:00–12:30

Innovation Fostering in Accelerator Science and Technology (I.FAST) - Project Report

Speaker

Maurizio Vretenar

12:30

14:00

Plenary session: Talks

Session | **Location:** CERN, 222/R-001 | **Convener:** Maria Colonna

14:00–14:10

R3B commissioning and Probing nucleon-nucleon correlations in atomic nuclei via (p,pd) QFS reaction

Speaker

Matt Whitehead

14:10–14:20

Determination of single-neutron energies and spectroscopic factors outside ^{132}Sn **Speaker**

Patrick MacGregor

14:20–14:35

Test of Low Gain Avalanche Diodes at the AIC-144 cyclotron**Speaker**

Pawel Olko

14:35–14:50

Uniform beam delivery and real time dosimetry for FLASH radiotherapy applications**Speaker**

Roberto Corsini

14:50–15:00

Search for E1 strength below the Giant Dipole Resonance from zero to finite temperature at IFIN-HH and CCB facilities**Speaker**

Oliver Wieland

15:00–15:15

Transnational Access experiments at the KIT electron synchrotron test facility KARA**Speaker**

Dr Robert Ruprecht

15:15–15:45

tea break

15:45–15:55

High precision $^{209}\text{Bi}(n,\gamma)$ cross section measurement at n_TOF EAR2**Speaker**

Javier Balibrea Correa

15:55–16:05

New fission studies at ALTO with nu-Ball2/PARIS**Speaker**

Corentin HIVER

16:05–16:20

Irradiation of detectors to extreme neutron fluences up to $10^{18} \text{ n}_{\text{eq}}/\text{cm}^2$ in the TRIGA reactor**Speaker**

Igor Mandic

16:20–16:30

Lifetime measurements around ^{48}Ca **Speaker**

Giuseppe Andreatta

16:30–16:40

Lifetime measurements in the N=Z nucleus ^{66}As

Speaker
Paul Greenlees

16:40–16:55 **Cooling system and graphical user interface for EMC test station**

Speakers
Fernando Arteché, Fernando José Arteché González

16:55

Tuesday 29 October

09:00

Plenary session: Talks

Session | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin | **Convener:** Adam Maj

09:00–09:20

Advancement and Innovation for Detectors at Accelerators (AIDAInnova) - Project Report

Speaker

Paolo Giacomelli

09:20–09:35

A direct measurement of a relativistic pair-plasma beam instability at The HiRadMat Facility (CERN)

Speaker

Dr Jack Halliday

09:35–09:50

Geoff: Applications and Developments in 2024

Speaker

Nico Madysa

09:50–10:05

Application of Machine Learning for beam profile monitoring

Speaker

Jaroslav Szumega

10:05–10:15

Studies of proton-rich nuclei with EAGLE-NEDA-DIAMANT

Speaker

Katarzyna Hadynska-Klek

10:15–10:35

Open Science and Data - Progress report

Speaker

Antoine LEMASSON

10:35–11:05

coffee break

11:05–11:20

Carbon and Proton FLASH: Technical preparation for the clinical application

Speaker

Warisara Charuchinda

11:20–11:35

ERIBS: towards better heavy ion beam services

Speaker

Paul Greenlees

11:35–11:50

CLEAR@CERN - New user beam line and dedicated equipment

Speaker

Wilfrid Farabolini

11:50–12:15

Project Office Report

12:15

Speakers

Paolo Giacomelli, Paolo Giacomelli

Wednesday 30 October

09:00

Plenary session: Project

Session | **Location:** CERN, 222/R-001 | **Convener:** Prof. Marko Mikuz

09:00–09:20 **Lessons learned from P1 reporting**

Speaker

Barbara Pezzotta

09:20–09:25 **Social Media Plan**

Speaker

Stefania Melandri

09:25–10:05 **Steps and schedule for P2 report**

Speaker

Maria Colonna

10:05–10:30 **WP4 report - looking ahead program**

Speaker

Prof. Marko Mikuz

10:30–11:00 **coffee**

11:00–11:25 **WP2 report - looking ahead program**

Speakers

Adam Maj, Adam Maj

11:25–11:50 **WP5 report - looking ahead program**

Speakers

Maria Garcia Borge, Maria Jose Garcia Borge

11:50–12:15 **WP3 report - looking ahead program**

Speaker

Ilias Efthymiopoulos

12:15–12:30 **Report from the GB meeting**

Speaker

Edda Gschwendtner

12:30–12:40 **Closing remarks**

Speaker

Navin Alahari

12:40