

Session Program

14–16 mai 2025



2025 Joint workshop of FKPPN and TYL/FJPPN

Collaborative projects

LS2N, Campus Lombarderie - Nantes University
2 Chemin de la Houssinière BP 92208 44322 Nantes Cedex 3

mer. 14 mai

11:05

Collaborative projects: Plenary I

Session | Site: | Convener: Shoji Hashimoto

11:05 - 11:25

AC-LGAD Detector with Continuous Readout for 4-Dimensional High-Resolution Measurement at EIC ePIC**Orateur**

Christophe de LA TAILLE

11:25 - 11:45

Performance study on radiation-damaged silicon sensors at LHC using TCAD simulation**Orateur**

Shigeki Hirose

11:45 - 12:05

Study of the future SuperKEKB IR design upgrade challenge for higher luminosity**Orateurs**

Julien BONIS, M. Julien Bonis

12:05 - 12:25

New generation of MAPS-based telescope with the sensors planned for the Belle II upgrade**Orateur**

Jerome Baudot

12:25

jeu. 15 mai

12:00

Collaborative projects

Session | Site: | Convener: Dr Guillaume Batigne

12:00 – 12:20 ABI-SMNS

Orateur

Youngman KIM

12:20

14:00

Collaborative projects

Session | Site: | Convener: Guillaume Batigne

14:00 – 14:20 Study of Laser – Beam arrival time synchronization towards sub-ps level.

Orateur

Aurelien Martens

14:20 – 14:40

Measurement and simulation of injection losses and resulting detector backgrounds at SuperKEKB

Orateur

Meng Li

14:40 – 15:00 Optimization of the COMET muon beamline

Orateur

Kou Oishi

15:00 – 15:20 Beyond the-state-of-the-art SRF cavities with advanced surface preparation

Orateur

Akira MIYAZAKI

15:20 – 15:40

Luminosity Optimization techniques for Future Linear Colliders: experimental tests in ATF2-3

Orateur

Okugi Toshiyuki

15:40 – 16:00 R&D for the exascale computing environment

Orateur

Tomoe Kishimoto

16:00 – 16:20 Coffee Break

16:20 – 16:50 RPC production and assembling facility in Seoul, Korea and J-PARC, Japan

Orateurs

Maxime Gouzevitch, Maxime Gouzevitch

16:50 – 17:10 Optimisation of COMET Phase-I Sensitivity by Mitigating the Atmospheric Background

Orateurs

Thomas Bouillaud, Thomas Bouillaud, Thomas Bouillaud

17:10 – 17:30

Investigation of oxygen effects induced by carbon ion irradiation via Geant4-DNA simulations

18:10

Orateur Sébastien Incerti
<div>17:30 – 17:50</div> FEA In XEnon Detector (FIXED) Orateur Romain Gaior
<div>17:50 – 18:10</div> Next-Generation MAPS Sensors for ALICE 3 Outer Tracker Orateurs Rachid Guernane, Rachid Guernane

ven. 16 mai

11:00

Collaborative projects

Session | Site: | Convener: Shoji Hashimoto

11:00 – 11:20

Interfacing the instrument and data analysis pipeline developments for the observation of primordial CMB B modes with LiteBIRD**Orateur**

Ema TSANG KING SANG

11:20 – 11:40

Correlation between vibrations, luminosity and beam position measurements at SuperKEKB**Orateur**

Freddy Poirier

11:40 – 12:00

Investigation of an alternative path for SRF cavity fabrication and surface processing**Orateurs**

David LONGUEVERGNE, David longuevergne, Laurent Longuevergne

12:00 – 12:20

R&D toward next generation Energy Recover Linacs**Orateur**

Akira MIYAZAKI

12:20 – 12:40

Precise Measurements and Searches for Forbidden Decays of B mesons and tau lepton**Orateur**

justine serrano

12:40