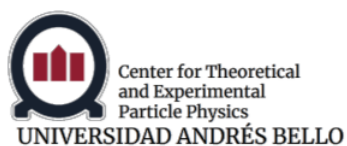


Session Program

2-24 Jan 2025



Prácticas de verano SAPHIR-UNAB 2025

Internships closing

Friday 24 January

18:00

Interships closing: Posters

Session

18:00–18:20

Computational Fluid Dynamics Simulation of Airflow around a Hodoscope at UNAB's Marine Research Center

Speaker

Roberto Renato Felipe Gómez Ramírez

18:20–18:40

Constant fraction discrimination analysis of hexagonal counters under beam conditions

Speaker

Matías Tobar Toledo

18:40–19:00

Muon Production from Proton and Gamma-Ray Initiated Air Showers at UNAB Casona and SWGO Altitudes

Speaker

Niven Garay Leal

19:00–19:20

Neutrino - Tungsten interactions at SND@LHC

Speaker

Fernanda Mella A.

19:20–19:40

Photomultiplier tube Characterization and Cosmic Ray Response of a 60x60cm² Hodoscope

Speaker

Javier Ignacio Gonzalez Cares

19:40–20:00

Pion Interactions with Proton and Carbon Targets using PYTHIA8

Speakers

Isidora Carreño Salinas, Roberto Martínez Naranjo

20:00–20:20

Pythia 8 Forward Tuning for Neutrino Flux Predictions at SND@LHC

Speaker

Martín Ibáñez Pérez

20:20–20:40

Scintillator Bars for Position Reconstruction with e, π , and μ Beams

Speaker

Jose Luis Soto Pezoa

20:40–21:00

Single Photoelectron Response of Scintillator Bars using Cosmic Ray Data

Speaker

Mauricio Santibañez

21:00-21:20

Thermal and Structural Analysis of Water Cherenkov Detectors under Quintay Weather Conditions

Speakers

Katalina Pimentel, Vicente Millar

21:20