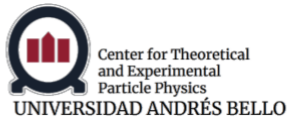


Prácticas de verano SAPHIR-UNAB 2025



Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening

Thursday 2 January 2025 11:00 (30 minutes)

Presenter: AYALA, Marco (SAPHIR - UNAB)

Contribution ID: 2

Type: **not specified**

EL MODELO ESTÁNDAR, LOS NEUTRINOS, Y LA ASIMETRÍA MATERIA-ANTIMATERIA DEL UNIVERSO

Thursday 2 January 2025 11:30 (1 hour)

Presenter: ZAMORA SAA, Jilberto Antonio (Universidad Andres Bello (CL))

Contribution ID: 3

Type: **not specified**

Closing of Internships

Friday 24 January 2025 17:30 (30 minutes)

Presenter: AYALA, Marco (SAPHIR - UNAB)

Contribution ID: 4

Type: **not specified**

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

Friday 24 January 2025 18:00 (20 minutes)

Author: GÓMEZ RAMÍREZ, Roberto Renato Felipe

Presenter: GÓMEZ RAMÍREZ, Roberto Renato Felipe

Session Classification: Internships closing

Contribution ID: 5

Type: **not specified**

Constant fraction discrimination analysis of hexagonal counters under beam conditions

Friday 24 January 2025 18:20 (20 minutes)

Author: TOBAR TOLEDO, Matías

Presenter: TOBAR TOLEDO, Matías

Session Classification: Internships closing

Contribution ID: 6

Type: **not specified**

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

Friday 24 January 2025 18:40 (20 minutes)

Author: GARAY LEAL, Niven

Presenter: GARAY LEAL, Niven

Session Classification: Intershops closing

Contribution ID: 7

Type: **not specified**

Neutrino - Tungsten interactions at SND@LHC

Friday 24 January 2025 19:00 (20 minutes)

Author: MELLA A., Fernanda

Presenter: MELLA A., Fernanda

Session Classification: Internships closing

Contribution ID: 8

Type: **not specified**

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

Friday 24 January 2025 19:20 (20 minutes)

Author: GONZALEZ CARES, Javier Ignacio

Presenter: GONZALEZ CARES, Javier Ignacio

Session Classification: Internships closing

Contribution ID: 9

Type: **not specified**

Pion Interactions with Proton and Carbon Targets using PYTHIA8

Friday 24 January 2025 19:40 (20 minutes)

Authors: CARREÑO SALINAS, Isidora; MARTÍNEZ NARANJO, Roberto

Presenters: CARREÑO SALINAS, Isidora; MARTÍNEZ NARANJO, Roberto

Session Classification: Internships closing

Contribution ID: **10**

Type: **not specified**

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

Friday 24 January 2025 20:00 (20 minutes)

Author: IBÁÑEZ PÉREZ, Martín

Presenter: IBÁÑEZ PÉREZ, Martín

Session Classification: Internships closing

Contribution ID: 11

Type: **not specified**

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

Friday 24 January 2025 20:20 (20 minutes)

Author: SOTO PEZOA, Jose Luis

Presenter: SOTO PEZOA, Jose Luis

Session Classification: Internships closing

Contribution ID: 12

Type: **not specified**

Single Photoelectron Response of Scintillator Bars using Cosmic Ray Data

Friday 24 January 2025 20:40 (20 minutes)

Author: SANTIBAÑEZ, Mauricio

Presenter: SANTIBAÑEZ, Mauricio

Session Classification: Interships closing

Contribution ID: 13

Type: **not specified**

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

Friday 24 January 2025 21:00 (20 minutes)

Authors: PIMENTEL, Katalina; MILLAR, Vicente

Presenters: PIMENTEL, Katalina; MILLAR, Vicente

Session Classification: Interships closing