

TIDPAN 2026 - Taller de Instrumentación y Detectores en Física de Partículas, Astropartículas y Nuclear

Monday 15 June 2026

Laboratory Session: GRUPO G5. P12 Gaseous Time Projection Chambers - Laboratorio NEXT (10:00-13:00)

Laboratory Session: GRUPO G1. P9 Pulse processing electronics. Study case: A SiPM readout Front End ASIC - Laboratorio DUNE (10:00-13:00)

Laboratory Session: GRUPO G2. P7 Basic Principles of Silicon Microstrip Detectors - Sala Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G3. P8 Hands-On Transient Current Technique: Measuring Charge Carrier Mobility in Silicon - Sala de Juntas (10:00-13:00)

Laboratory Session: GRUPO G4. P11 Real time signal reconstruction in FPGA with Machine Learning - Laboratorio TileCal (10:00-13:00)

Laboratory Session: GRUPO G1. P12 Gaseous Time Projection Chambers - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G2. P9 Pulse processing electronics. Study case: A SiPM readout Front End ASIC) - Laboratorio DUNE (15:30-18:30)

Laboratory Session: GRUPO G3. P7 Basic Principles of Silicon Microstrip Detectors) - Sala Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G4. P8 Hands-On Transient Current Technique: Measuring Charge Carrier Mobility in Silicon - Sala de Juntas (15:30-18:30)

Laboratory Session: GRUPO G5. P11 Real time signal reconstruction in FPGA with Machine Learning - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Tuesday 16 June 2026

Laboratory Session: GRUPO G1. P11 Real time signal reconstruction in FPGA with Machine Learning - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G2. P12 Gaseous Time Projection Chambers - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G5. P8 Hands-On Transient Current Technique: Measuring Charge Carrier Mobility in Silicon - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

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Laboratory Session: GRUPO G1. P8 Hands-On Transient Current Technique: Measuring Charge Carrier Mobility in Silicon - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G3. P12 Gaseous Time Projection Chambers - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Wednesday 17 June 2026

Laboratory Session: GRUPO G2. P8 Hands-On Transient Current Technique: Measuring Charge Carrier Mobility in Silicon - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G4. P12 Gaseous Time Projection Chambers - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G1 P7 Basic Principles of Silicon Microstrip Detectors - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G5. P9 Pulse processing electronics. Study case: A SiPM readout Front End ASIC - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G3. P3 High and Medium Resolution Gamma Spectroscopy - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G2. P2 Scintillation detector assembly - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G1. P1 Neutron Detection - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G4 P4 Gamma-ray imaging: PET and Compton - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G5. P5 System-On-Chip for system health monitoring - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Thursday 18 June 2026

Laboratory Session: GRUPO G4. P3 High and Medium Resolution Gamma Spectroscopy - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G1. P5 System-On-Chip for system health monitoring - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G4. P3 High and Medium Resolution Gamma Spectroscopy - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G3. P2 Scintillation detector assembly - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G2. P1 Neutron Detection - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G4. P2 Scintillation detector assembly - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G3. P1 Neutron Detection - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G1 P4 Gamma-ray imaging: PET and Compton - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G5. P3 High and Medium Resolution Gamma Spectroscopy - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G2 P5 System-On-Chip for system health monitoring - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Friday 19 June 2026

Laboratory Session: GRUPO G3. P5 System-On-Chip for system health monitoring - Sala de Reuniones Ed.

Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G2 P4 Gamma-ray imaging: PET and Compton - Sala de Reuniones Ed. Laboratorios

(10:00-13:00)

Laboratory Session: GRUPO G1. P3 High and Medium Resolution Gamma Spectroscopy - Sala de Reuniones Ed.

Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G4. P1 Neutron Detection - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G5. P2 Scintillation detector assembly - Sala de Reuniones Ed. Laboratorios

(10:00-13:00)

Monday 22 June 2026

Laboratory Session: GRUPO G3. P4 Gamma-ray imaging: PET and Compton - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G4. P5 System-On-Chip for system health monitoring - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G2. P3 High and Medium Resolution Gamma Spectroscopy - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G1. P2 Scintillation detector assembly - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G5. P1 Neutron Detection - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G2. P13 Simulaciones de experimentos basadas en códigos Montecarlo - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G1. P6 Cryogenic Characterization and Calibration of Silicon Photomultipliers (SiPMs) - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G4. P15 Signal Integrity Measurements: TDR Analysis and Impedance Matching in Transmission Lines - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G3. P14 Applications of Artificial Intelligence to simulation and reconstruction - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G5. P16 Design of an Optical Active Target - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Tuesday 23 June 2026

Laboratory Session: GRUPO G5. P15 Signal Integrity Measurements: TDR Analysis and Impedance Matching in Transmission Lines - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G1. P16 Design of an Optical Active Target - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G4. P14 Applications of Artificial Intelligence to simulation and reconstruction - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G3. P13 Simulaciones de experimentos basadas en códigos Montecarlo - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G2. P6 Cryogenic Characterization and Calibration of Silicon Photomultipliers (SiPMs) - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G4. P13 Simulaciones de experimentos basadas en códigos Montecarlo - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G3. P6 Cryogenic Characterization and Calibration of Silicon Photomultipliers (SiPMs) - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

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Laboratory Session: GRUPO G5. P14 Applications of Artificial Intelligence to simulation and reconstruction - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G1. P16 Design of an Optical Active Target - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Wednesday 24 June 2026

Laboratory Session: GRUPO G2. P15 Signal Integrity Measurements: TDR Analysis and Impedance Matching in Transmission Lines - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G3. P16 Design of an Optical Active Target - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G1. P14 Applications of Artificial Intelligence to simulation and reconstruction - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G5 P13 Simulaciones de experimentos basadas en códigos Montecarlo - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G4. P6 Cryogenic Characterization and Calibration of Silicon Photomultipliers (SiPMs) - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G1 P13 Simulaciones de experimentos basadas en códigos Montecarlo - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G5. P6 Cryogenic Characterization and Calibration of Silicon Photomultipliers (SiPMs) - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: RUPO G3. P15 Signal Integrity Measurements: TDR Analysis and Impedance Matching in Transmission Lines - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G2. P14 Applications of Artificial Intelligence to simulation and reconstruction - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G4. P16 Design of an Optical Active Target - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Thursday 25 June 2026

Laboratory Session: GRUPO G10-2. P17 Artificial Intelligence for Radon Monitoring: Alpha-Particle Detection in a Cloud Chamber - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G10-1. P10 Introduction to Hierarchical Trigger Systems: From FPGA Level-1 to High-Level Software - Sala de Reuniones Ed. Laboratorios (10:00-13:00)

Laboratory Session: GRUPO G10-1. P17 Artificial Intelligence for Radon Monitoring: Alpha-Particle Detection in a Cloud Chamber - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Laboratory Session: GRUPO G10-2. P10 Introduction to Hierarchical Trigger Systems: From FPGA Level-1 to High-Level Software - Sala de Reuniones Ed. Laboratorios (15:30-18:30)

Friday 26 June 2026

Laboratory Session: 18 - Sala de Reuniones Ed. Laboratorios (10:00-13:00)