

Session Program

15-26 Jun 2026



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

Laboratory Session

IFIC/CSIC-UV, Valencia
Instituto de Física Corpuscular IFIC-Valencia

Monday 15 June

10:30

Laboratory Session: GRUPO G1. P9 Pulse processing electronics. Study case: A SiPM readout Front End ASIC

Session | Location: IFIC(CSIC-UV), Laboratorio DUNE

13:30

10:30

Laboratory Session: GRUPO G2. P7 Basic Principles of Silicon Microstrip Detectors

Session | Location: IFIC(CSIC-UV), Sala de reuniones Ed. Laboratorios

13:30

10:30

Laboratory Session: GRUPO G3. P8 Hands-On Transient Current Technique: Measuring Charge Carrier Mobility in Silicon

Session | Location: IFIC(CSIC-UV), Sala de juntas

13:30

10:30

Laboratory Session: GRUPO G4. P5 System-On-Chip for system health monitoring

Session | Location: IFIC(CSIC-UV), Laboratorio TileCal

13:30

10:30

Laboratory Session: GRUPO G5. P12 Gaseous Time Projection Chambers

Session | Location: IFIC(CSIC-UV), Laboratorio NEXT

13:30

16:10

Laboratory Session: GRUPO G1. P12 Gaseous Time Projection Chambers

Session | Location: IFIC(CSIC-UV), Laboratorio NEXT

19:10

16:10

Laboratory Session: GRUPO G2. P9 Pulse processing electronics. Study case: A SiPM readout Front End ASIC)

Session | Location: IFIC(CSIC-UV), Laboratoria DUNE

19:10

16:10

Laboratory Session: GRUPO G3. P7 Basic Principles of Silicon Microstrip Detectors)

Session | Location: IFIC(CSIC-UV), Sala de reuniones Ed, Laboratorios

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Laboratory Session: GRUPO G4. P8 Hands-On Transient Current Technique: Measuring Charge Carrier Mobility in Silicon

Session | Location: IFIC(CSIC-UV), Sala de juntas

19:10

16:10

Laboratory Session: GRUPO G5. P5 System-On-Chip for system health monitoring

Session | Location: IFIC(CSIC-UV), Laboratorio TileCal

19:10

Tuesday 16 June

10:30	Laboratory Session: GRUPO G1. P5 System-On-Chip for system health monitoring
13:30	Session Location: IFIC(CSIC-UV), Laboratorio TileCal
10:30	Laboratory Session: GRUPO G2. P12 Gaseous Time Projection Chambers
13:30	Session Location: IFIC(CSIC-UV), Laboratorio NEXT
10:30	Laboratory Session: GRUPO G3. P9 Pulse processing electronics. Study case: A SiPM readout Front End ASIC
13:30	Session Location: IFIC(CSIC-UV), Laboratoria DUNE
10:30	Laboratory Session: GRUPO G4. P7 Basic Principles of Silicon Microstrip Detectors
13:30	Session Location: IFIC(CSIC-UV), Sala de reuniones Ed. Laboratorios
10:30	Laboratory Session: GRUPO G5. P8 Hands-On Transient Current Technique: Measuring Charge Carrier Mobility in Silicon)
13:30	Session Location: IFIC(CSIC-UV), Sala de juntas
16:00	Laboratory Session: GRUPO G1. P8 Hands-On Transient Current Technique: Measuring Charge Carrier Mobility in Silicon)
19:00	Session Location: IFIC(CSIC-UV), Sala de juntas
16:00	Laboratory Session: GRUPO G2. P5 System-On-Chip for system health monitoring
19:00	Session Location: IFIC(CSIC-UV), Laboratorio TileCal
16:00	Laboratory Session: GRUPO G3. P12 Gaseous Time Projection Chambers)
19:00	Session Location: IFIC(CSIC-UV), Laboratorio NEXT
16:00	Laboratory Session: GRUPO G4. P9 Pulse processing electronics. Study case: A SiPM readout Front End ASIC
19:00	Session Location: IFIC(CSIC-UV), Laboratoria DUNE
16:00	Laboratory Session: GRUPO G5 P7 Basic Principles of Silicon Microstrip Detectors
19:00	Session Location: IFIC(CSIC-UV), Sala de reuniones Ed. Laboratorios

Wednesday 17 June

10:30	Laboratory Session: GRUPO G1. P7 Basic Principles of Silicon Microstrip Detectors
13:30	Session Location: IFIC(CSIC-UV), Sala de reuniones Ed. Laboratorios
10:30	Laboratory Session: GRUPO G2. P8 Hands-On Transient Current Technique: Measuring Charge Carrier Mobility in Silicon
13:30	Session Location: IFIC(CSIC-UV), Sala de juntas
10:30	Laboratory Session: GRUPO G3. P5 System-On-Chip for system health monitoring
13:30	Session Location: IFIC(CSIC-UV), Laboratorio TileCal
10:30	Laboratory Session: GRUPO G4. P12 Gaseous Time Projection Chambers
13:30	Session Location: IFIC(CSIC-UV), Laboratorio NEXT
10:30	Laboratory Session: GRUPO G5. P9 Pulse processing electronics. Study case: A SiPM readout Front End ASIC
13:30	Session Location: IFIC(CSIC-UV), Laboratoria DUNE
16:00	Laboratory Session: GRUPO G1. P1 Neutron Detection
19:00	Session Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma Conveners: Javier Balibrea Correa, Jorge Leredegui Marco
16:00	Laboratory Session: GRUPO G2. P2 Scintillation detector assembly
19:00	Session Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma
16:00	Laboratory Session: GRUPO G3. P3 High and Medium Resolution Gamma Spectroscopy
19:00	Session Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma
16:00	Laboratory Session: GRUPO G4 P4 Gamma-ray imaging: PET and Compton
19:00	Session Location: IFIC(CSIC-UV), Laboratorio HYMNS
16:00	Laboratory Session: GRUPO G5. P11 Real time signal reconstruction in FPGA with Machine Learning
19:00	Session Location: IFIC(CSIC-UV), Laboratorio TileCal

Thursday 18 June

10:30

Laboratory Session: GRUPO G1. P11 Real time signal reconstruction in FPGA with Machine Learning

Session | Location: IFIC(CSIC-UV), Laboratorio TileCAI

13:30

10:30

Laboratory Session: GRUPO G2. P1 Neutron Detection

Session | Location: IFIC(CSIC-UV), Sala de reuniones Ed. Laboratorios

13:30

10:30

Laboratory Session: GRUPO G3. P2 Scintillation detector assembly

Session | Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma

13:30

10:30

Laboratory Session: GRUPO G4. P3 High and Medium Resolution Gamma Spectroscopy

Session | Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma

13:30

10:30

Laboratory Session: GRUPO G5. P4 Gamma-ray imaging: PET and Compton

Session | Location: IFIC(CSIC-UV), Laboratorio HYMNS

13:30

16:00

Laboratory Session: GRUPO G1 P4 Gamma-ray imaging: PET and Compton

Session | Location: IFIC(CSIC-UV), Laboratorio HYMNS

19:00

16:00

Laboratory Session: GRUPO G2 P11 Real time signal reconstruction in FPGA with Machine Learning

Session | Location: IFIC(CSIC-UV), Laboratorio TileCal

19:00

16:00

Laboratory Session: GRUPO G3. P1 Neutron Detection

Session | Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma | Conveners: Jorge Leredegui Marco, Javier Balibrea Correa

19:00

16:00

Laboratory Session: GRUPO G4. P2 Scintillation detector assembly

Session | Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma

19:00

16:00

Laboratory Session: GRUPO G5. P3 High and Medium Resolution Gamma Spectroscopy

Session | Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma

19:00

Friday 19 June

10:30

Laboratory Session: GRUPO G1. P3 High and Medium Resolution Gamma Spectroscopy

Session | Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma

13:30

10:30

Laboratory Session: GRUPO G2 P4 Gamma-ray imaging: PET and Compton

Session | Location: IFIC(CSIC-UV), Laboratorio HYMNS

13:30

10:30

Laboratory Session: GRUPO G3. P11 Real time signal reconstruction in FPGA with Machine Learning

Session | Location: IFIC(CSIC-UV), Laboratorio TileCaL

13:30

10:30

Laboratory Session: GRUPO G4. P1 Neutron Detection

Session | Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma

13:30

10:30

Laboratory Session: GRUPO G5. P2 Scintillation detector assembly

Session | Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma

13:30

Monday 22 June

10:30	Laboratory Session: GRUPO G1. P2 Scintillation detector assembly Session Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma
13:30	
10:30	Laboratory Session: GRUPO G2. P3 High and Medium Resolution Gamma Spectroscopy Session Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma
13:30	
10:30	Laboratory Session: GRUPO G3. P4 Gamma-ray imaging: PET and Compton Session Location: IFIC(CSIC-UV), Laboratorio HYMNS
13:30	
10:30	Laboratory Session: GRUPO G4. P11 Real time signal reconstruction in FPGA with Machine Learning Session Location: IFIC(CSIC-UV), Laboratorio TileCal
13:30	
10:30	Laboratory Session: GRUPO G5. P1 Neutron Detection Session Location: IFIC(CSIC-UV), Laboratorio Espectroscopia Gamma
13:30	
16:00	Laboratory Session: GRUPO G1. P6 Cryogenic Characterization and Calibration of Silicon Photomultipliers (SiPMs) Session Location: IFIC(CSIC-UV), Laboratorio DUNE
19:00	
16:00	Laboratory Session: GRUPO G2. P13 Simulaciones de experimentos basadas en códigos Montecarlo Session Location: IFIC(CSIC-UV), Sala de juntas
19:00	
16:00	Laboratory Session: GRUPO G3. P14 Applications of Artificial Intelligence to simulation and reconstruction Session Location: IFIC(CSIC-UV), Sala de audiovisuales
19:00	
16:00	Laboratory Session: GRUPO G4. P15 Signal Integrity Measurements: TDR Analysis and Impedance Matching in Transmission Lines Session Location: IFIC(CSIC-UV), Sala de reuniones Ed. Laboratorios
19:00	
16:00	Laboratory Session: GRUPO G5. P16 Design of an Optical Active Target Session Location: IFIC(CSIC-UV), Laboratorio NEXT
19:00	

Tuesday 23 June

10:30	<p>Laboratory Session: GRUPO G1. P16 Design of an Optical Active Target Session Location: IFIC(CSIC-UV), Laboratorio NEXT</p>
13:30	
10:30	<p>Laboratory Session: GRUPO G2. P6 Cryogenic Characterization and Calibration of Silicon Photomultipliers (SiPMs) Session Location: IFIC(CSIC-UV), Laboratorio DUNE</p>
13:30	
10:30	<p>Laboratory Session: GRUPO G3. P13 Simulaciones de experimentos basadas en códigos Montecarlo Session Location: IFIC(CSIC-UV), Sala de juntas</p>
13:30	
10:30	<p>Laboratory Session: GRUPO G4. P14 Applications of Artificial Intelligence to simulation and reconstruction Session Location: IFIC(CSIC-UV), Sala de audiovisuales</p>
13:30	
10:30	<p>Laboratory Session: GRUPO G5. P15 Signal Integrity Measurements: TDR Analysis and Impedance Matching in Transmission Lines Session Location: IFIC(CSIC-UV), Sala de reuniones Ed. Laboratorios</p>
13:30	
16:00	<p>Laboratory Session: GRUPO G1. P15 Signal Integrity Measurements: TDR Analysis and Impedance Matching in Transmission Lines Session Location: IFIC(CSIC-UV), Sala de reuniones Ed. Laboratorios</p>
19:00	
16:00	<p>Laboratory Session: GRUPO G2. P16 Design of an Optical Active Target Session Location: IFIC(CSIC-UV), Laboratorio NEXT</p>
19:00	
16:00	<p>Laboratory Session: GRUPO G3. P6 Cryogenic Characterization and Calibration of Silicon Photomultipliers (SiPMs) Session Location: IFIC(CSIC-UV), Laboratorio DUNE</p>
19:00	
16:00	<p>Laboratory Session: GRUPO G4. P13 Simulaciones de experimentos basadas en códigos Montecarlo Session Location: IFIC(CSIC-UV), Sala de juntas</p>
19:00	
16:00	<p>Laboratory Session: GRUPO G5. P14 Applications of Artificial Intelligence to simulation and reconstruction Session Location: IFIC(CSIC-UV), Sala de audiovisuales</p>
19:00	

Wednesday 24 June

10:30

Laboratory Session: GRUPO G1. P14 Applications of Artificial Intelligence to simulation and reconstruction

Session | Location: IFIC(CSIC-UV), Sala de audiovisuales

13:30

10:30

Laboratory Session: GRUPO G2. P15 Signal Integrity Measurements: TDR Analysis and Impedance Matching in Transmission Lines

Session | Location: IFIC(CSIC-UV), Sala de reuniones Ed. Laboratorios

13:30

10:30

Laboratory Session: GRUPO G3. P16 Design of an Optical Active Target

Session | Location: IFIC(CSIC-UV), Laboratorio NEXT

13:30

10:30

Laboratory Session: GRUPO G4. P6 Cryogenic Characterization and Calibration of Silicon Photomultipliers (SiPMs)

Session | Location: IFIC(CSIC-UV), Laboratorio DUNE

13:30

10:30

Laboratory Session: GRUPO G5 P13 Simulaciones de experimentos basadas en códigos Montecarlo

Session | Location: IFIC(CSIC-UV), Sala de juntas

13:30

16:00

Laboratory Session: GRUPO G1 P13 Simulaciones de experimentos basadas en códigos Montecarlo

Session | Location: IFIC(CSIC-UV), Sala de juntas

19:00

16:00

Laboratory Session: GRUPO G2. P14 Applications of Artificial Intelligence to simulation and reconstruction

Session | Location: IFIC(CSIC-UV), Sala de audiovisuales

19:00

16:00

Laboratory Session: GRUPO G3. P15 Signal Integrity Measurements: TDR Analysis and Impedance Matching in Transmission Lines

Session | Location: IFIC(CSIC-UV), Sala de reuniones Ed. Laboratorios

19:00

16:00

Laboratory Session: GRUPO G4. P16 Design of an Optical Active Target)

Session | Location: IFIC(CSIC-UV), Laboratorio NEXT

19:00

16:00

Laboratory Session: GRUPO G5. P6 Cryogenic Characterization and Calibration of Silicon Photomultipliers (SiPMs)

Session | Location: IFIC(CSIC-UV), Laboratorio DUNE

19:00

Thursday 25 June

10:30

13:30

Laboratory Session: GRUPO G10-1. P10 Introduction to Hierarchical Trigger Systems: From FPGA Level-1 to High-Level Software

Session | Location: IFIC(CSIC-UV), Sala de audiovisuales

10:30

13:30

Laboratory Session: GRUPO G10-2. ©

Session | Location: IFIC(CSIC-UV), Sala de juntas

Friday 26 June

10:30

13:30

Laboratory Session: GRUPO G10-1. P17 Artificial Intelligence for Radon Monitoring: Alpha-Particle Detection in a Cloud Chamber

Session | **Location:** IFIC(CSIC-UV), Sala de juntas

10:30

13:30

Laboratory Session: GRUPO G10-2. P10 Introduction to Hierarchical Trigger Systems: From FPGA Level-1 to High-Level Software

Session | **Location:** IFIC(CSIC-UV), Sala de audiovisuales