

CNID School

Carmen García, Carlos Lacasta, Ivan Vila, Inés Gil, César Domingo

CNID School

- ✓ Hands-on school on instrumentation
- ✓ Plan is to have a combination of
 - Formative talks by experts in different detector technologies (2 hours/day)
 - Laboratory sessions (rest of the day)
- ✓ Venue: IFIC-Valencia
 - A number of seminar rooms have been booked
 - Will use space in IFIC's laboratories
- ✓ Dates: 15-26 July 2026
- ✓ Expected number of attendants: 20-30 phd students.
- ✓ Local organizers: Carmen García, Carlos Lacasta, César Domingo.

Lab sessions

- ✓ A call for “volunteers” was sent to prepare and organize the lab. sessions.
- ✓ Already a number of them identified. Still in time for late enthusiasts, so please contact us if you are willing to participate.
- ✓ Have enough information from session organizers to start organizing the logistics @ IFIC

	PRÁCTICA	CONTACTO
P1	Detección de neutrones	Ariel Tarifeño
P2	Espectroscopía de absorción total	Alejandro Algora
P3	Espectroscopía gamma de alta y media resolución	Carolina Fonseca
P4	Imagen Compton	Bernando Berdardino
P5	Montaje de detectores de centelleo	Gustavo Alcalá
P6	SiPM Criogenia	Anselmo/Inés
P7	Semiconductores	Carlos Escobar, Carmen
P8	Generacion Señal (TCT)	neil.moffat; M. Fernandez; Carlos M
P9	Front-end electronics	David Gastón
P10	Trigger	Santi/Cristina
P11	Back-end DAQ	Alberto Valero
P12	Gases	Pau
P13	Calorimetría	Adrian/Cruz
P14	Simulaciones (ML e IA aplicada a la reconstrucción)	Pablo Martinez
P15	Integridad de señal	Fernando Arteche

Formative talks

- ✓ The idea is to fill the mornings with 2 hour long formative sessions where each “discipline” describe their instruments and techniques
- ✓ Still working in the list and looking for speakers. Some of the ideas in mind (to be completed). Suggestion and volunteers are welcome !!

Colliders (HEP)	Vertexing	Tracking	Calorimetry	PID	Muons
Nuclear Physics	Gamma spectrometry	TAS	Beta	Neutrons	
Dark Matter Direct Detection	WIMPS (SEMI, SCINT)	AXIONS (WAVE DETECTORS)	QUANTUM	RADIOPURITY	
Neutrino Detection	Telescopes,	ARGON, XENON			
Astroparticles	Cerenkov, Scint,	Space			
???					