

Session Program

27-29 Oct 2026



IBERGRID 2026

Parallel track - IV

Santiago Compostela
Facultad de Química Santiago de Compostela Aula Magna

Wednesday 28 October

11:30

Parallel track - IV

Session | **Location:** CESGA Seminar

11:30-11:50

AI-Based Emulation of Dynamical Downscaling: A Diffusion Approach for the Canary Islands

Speaker

Aleida Rosquete-Estevez

11:50-12:10

A Digital Twin for Small Pelagic Fish Stocks: From Egg Surveys to Lagrangian Simulations of Early Life Stages

Speaker

Sofía González-Pérez

12:10-12:30

From digital shadow to cognitive digital twin: AI assisted operations at Gran Telescopio Canarias

Speaker

Sebastián Fernández García

12:30-12:50

OPENHIDRA: coastal and port climate-adaptation forecasting delivered as an EOSC service on Iberian computing infrastructures

Speaker

Dr Alberto Azevedo

12:50-13:00

Towards a SRCnet PT node: enabling advanced computing and science service.

Speaker

Dr Domingos Barbosa

13:00

14:00

Parallel track - IV

Session | **Location:** CESGA Seminar

14:00-14:20

Integrating CESGA's QMIO Quantum Processor into the Munich Quantum Software Stack through QDMI

Speaker

Guillermo Díaz Camacho

14:20-14:40

From HPC Centers to AI Factories: Operating the Next Generation of Scientific Infrastructure

Speaker

Dr Ignacio M. Llorente

15:30

16:00

17:40

14:40–15:00

Q-STARS

Speaker

Diego Beltrán Fernández Prada

15:00–15:20

CUNQA: a Distributed Quantum Computing emulator for HPC

Speaker

Jorge Vázquez-Pérez

15:20–15:30

Small molecule - protein interaction, a quantum perspective

Speaker

MARIAMO MUSSA JUANE

Parallel track - IV

Session | Location: CESGA Seminar

16:00–16:20

Pauli-Correlation Encoding for High-Activity pp Event Correlation Discovery

Speaker

Irais Bautista

16:20–16:40

Partitioned QPU Execution for Accelerated Gradient Computation in Quantum Recurrent Neural Network Training

Speaker

José Daniel Viqueira Cao

16:40–17:00

Portable Distributed Quantum Programming with NetQMPI

Speaker

Francisco Javier Cardama Santiago

17:00–17:20

Benchmarking Distributed Quantum Computing Emulators on HPC Infrastructure

Speaker

Guillermo Díaz Camacho

17:20–17:40

PyCOMPSs for CUNQA

Speaker

Marta Rilo Martínez