

# **IBERGRID 2022**

**Monday, 10 October 2022 - Thursday, 13 October 2022**

**Universidade do Algarve**

## **Scientific Programme**

## **Cooperation between Iberian research communities**

This track aims at describing research projects jointly undertaken by Spanish and Portuguese research institutions, either by themselves, or in cooperation with institutions from other countries as well. We welcome contributions showing complementary domain expertise and exploitation of synergic effects at the Iberian level.

## **Research applications in advanced Digital Infrastructures**

This track aims at featuring work related with scientific applications. Namely distributed computing application in Grids and Clouds, distributed data management and data processing.

## **Development of innovative software services**

The track aims to featuring innovative solutions being pursued in service development and implementation. The session welcomes both production level and ongoing developments. Pilot service implementation, and description of its potential usability for wide user communities are also welcomed.

## **R&D for computing services, networking, and data-driven science**

This track aims to show the work of computing and data centers in developing and/or implementing advanced tools, services, infrastructures and methodologies to serve the needs of cutting-edge research projects using Cloud, HPC and Distributed Computing.

## **Quality of software, services and data**

This track aims at describing work related with quality validation and assurance for software, services and data. Includes adoption of quality best practices in scientific applications and the development of tools aimed at improving and verifying quality.

## **Design and implementation of Digital Twins**

This track aims at describing work towards creation of digital twins, virtual representations that serve as the real-time digital counterpart of physical objects or processes.

## **Enabling and fostering Open Science adoption in EOSC**

This track aims at describing research, development and implementation activities in the context of the European open Science Cloud (EOSC), related to applications, services, data repositories, FAIR data and open science practices.