

Conferences

Papers

2023 - Comparison of machine learning models applied on anonymized data with different techniques

2021 - On the use of Deep Generative Models for "Perfect" Prognosis Climate Downscaling

2017 - Large Scale Plant Classification with Deep Neural Networks

2017 - Improved Cloud resource allocation: how INDIGO-DataCloud is overcoming the current limitations in Cloud schedulers

2016 - Evolution of the open cloud computing interface

2014 - The role of IBERGRID in the Federated Cloud of EGI

2013 - Identity Federation with VOMS in Cloud Infrastructures

2013 - Analysis of Scientific Cloud Computing requirements

2012 - Production change management using Puppet, Git, Jenkins and Gerrit

2012 - IberCloud: federated access to virtualized resources

2011 - Software Provision Process for EGI

2011 - Fostering multi-scientific usage in the Iberian production infrastructure

2011 - Focusing on an integrated computing infrastructure: the IFCA experience

2011 - Experience on running the Ibergrid infrastructure within EGI

2010 - Virtualization and network mirroring to deliver High Availability to Grid services

2010 - Provisioning of Grid Middleware for EGI in the framework of EGI-InSPIRE

2010 - Int.eu.grid

2010 - Ibergrid transition to EGI



Presentations

2024 - Federated AI in the European Open Science Cloud

2022 - FAIRness Evaluation, Validation and Advising with FAIR EVA

2022 - FAIR EVA: Evaluator, Validator & Advisor

2022 - FAIR EVA: Checking data FAIRness in data repositories

2022 - Deep learning to estimate wine volume from one single-view image

2022 - Artificial Intelligence to evaluate the impact of COVID-19 disease on the elderly

2018 - Convolutional Neural Networks for Phytoplankton identification and classification

2017 - A workbench for species identification based on images and deep learning techniques



Posters

2023/07 - Deep learning to detect coronary artery tortuosity in coronary angiography

2023/07 - Application of federated learning to medical imaging scenarios

2023/05 - Reliable machine learning algorithms for medical imaging

2023/05 - Privacy preserving techniques for data science

2022/09 - pyCANON: A Python library to check the level of anonymity of a dataset

2022/09 - Frouros: A Python library for drift detection in Machine Learning problems

2022/06 - SQAaaS - Ensuring Software, Service and Data quality automatically in open repositories

2020/07 - Radiologists in the regulation of the responsibilities of artificial intelligence applied to radiodiagnosis: Let's make it real.

2019/04 - Deep Learning techniques for Satellite data: Atmospheric Corrections

2019/04 - Deep Learning as a Service for Satellite Imagery Super-resolution

2013/10 - Experience with a frozen computational framework from LEP age

