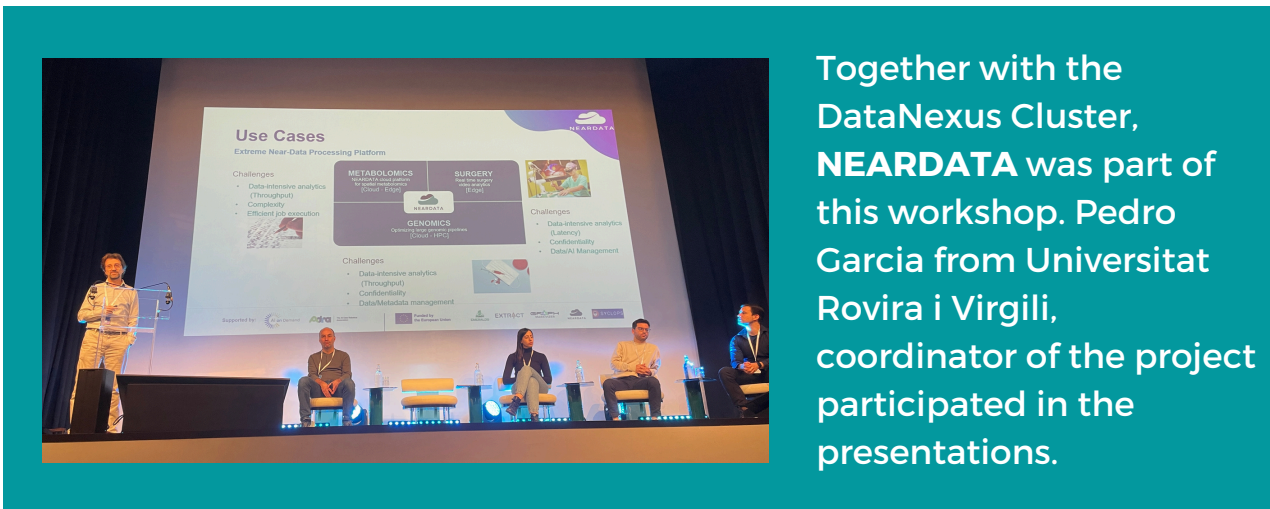NEARDATA

NEWSLETTER

NEARDATA was in Future-Ready event:
On-Demand Solutions with AI, Data, and Robotics

The **Future-Ready event took place from 18 to 19 February in Brussels,** Belgium, organised by Adra the AI Data Robotics Association and AI on Demand, and supported by AI4EUROPE and Adra-e.

The event brings together AI, Data, and Robotics (ADR) partnership projects from 2022 and 2023 to showcase results, address key challenges, and explore collaboration opportunities.

NEWSLETTER

From Extreme Data to AI Insights: The DataNexus Approach Across the Compute Continuum | Birds of a Feather Workshops

Together with the DataNexus Cluster, **NEARDATA** was part of this workshop. Pedro Garcia from Universitat Rovira i Virgili, coordinator of the project participated in the presentations.

Bringing together projects such as EXTRACT, Graph-Massivizer, EMERALDS and SYCLOPS, this collaboration harnesses cutting-edge research to address challenges like computational limitations, real-time decision-making, sustainability, energy efficiency and seamless operations across distributed computing environments.

In this session, DataNexus cluster projects shared insights, technical breakthroughs and the ongoing challenges faced in processing extreme data across the compute continuum.

The main message was communicated by Pedro Garcia when represented the DataNexus Cluster: **"There is no AI without extreme data"**. This strong message aims to raise reflections on the AI community about the importance of extreme data management techniques presented in the DATANEXUS cluster.

THERE IS NO AI WITHOUT EXTREME DATA

NEWSLETTER

The complexity of extreme data requires advanced solutions and computing architectures such as the ones presented in the projects of this cluster. We outlined how DATANEXUS projects have devised novel architectures for handling large volume data in scientific fields such as genomics, metabolomics, mobility and geospatial settings. Major contributions in elastic data management, massive graph processing, hardware acceleration and model explainability will become pivotal for AI platforms in the future. We also outline how important is to invest in open research challenges on advanced data platforms designed for AI.

WORKSHOP INFORMATION ⧉

🌐 **https://neardata.eu/**
🐦 **@Neardata2023**
🐙 **https://github.com/neardata-eu**

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