ExtremeXP

Wishing you a Happy
New Year
2024

May this year be filled
with success and prosperity

Dear Subscribers,

At the end of the year, **ExtremeXP** had the opportunity to explore various horizons, starting with **Slovenia**.

🌍 Invited to the historic **EBSI-VECTOR** and **EUBOF** conference, which took place from 1 to 7 october, we discussed the potential of blockchain and its transformative impact on all sectors. **Blockchain technology** is used in the **ExtremeXP** project for access control in analytic workflow

experiments, led by **Marcela Tuler de Oliveira** and **Yiannis Verginadis**.

🌍 A short trip in Valencia, for the **EBDVF event**, which took place from October 25 to 27, organized by **BDVA**, Big Data Value Association. This year's theme is "Data and AI in Action: Sustainable impact and future realities". **ExtremeXP** partners, **ActiveEon, BitSparkles, ICCS** and **University of Ljubljana** attented the different sessions and participated to the great discussions and synergies in research and innovations related to **ExtremeXP** domains such as AI, BigData, HPC, European Data Spaces and Cloud and CloudComputing.

🌍 At the **Big Data from Space 2023**, which took place in **Vienna**, from November 6 to 9, ExtremeXP highlighted **the use of METIS**, a **CSgroup solution**. Focused on flash flood prediction through **AI**, **METIS** integrates seamlessly into ExtremeXP's **Crisis Management pilot**, providing essential computational resources and advanced analytics for **hydrological modeling.**

🌍 Let's pop over to Paris for **Open Source Experience**, which took place from December 6 to 7, supported by **Systematic Paris Région.** The program featured engaging conferences on **Open Source Strategy** and **Governance**. **BitSparkles**, an **ExtremeXP** partner, actively participated in key discussions addressing the technologies, solutions, and challenges of open source in France and Europe. The event underscored the pivotal role of open source IT innovations in driving the digital transformation of organizations, particularly in AI, IoT, Cloud, and Cyber technologies.

🎇 WEBINAR ALERT 🎇

On November 15, ExtremeXP was invited to take part in a webinar during which the scope of the project was presented.

ExtremeXP is part of the **AI.BIG cluster**, which brings together 3 European projects on data analysis and AI: **ExtremeXP, TEMA and CREXDATA.**
TEMA organized the webinar "AI 4 Sustainability: How can artificial intelligence be used to increase societal resilience to climate changes and extreme natural events".

Learn more

🙌 In The Spotlight This Month 🙌

The Partner
Of The Month

ATHENA RC

ATHENA RC (ARC) is a Research institute located in Greece with rich expertise in project management and in the research and development of data and visual analytics, machine learning and AI explainability. ARC has a very strong PM unit with expertise in the management of ICT and research Infrastructures projects, as well as a dedicated innovation and a dissemination department, capable of coordinating large-scale ICT research and innovation projects, like ExtremeXP.

ATHENA
Research & Innovation
Information Technologies

The WP & Results
Of The Month

WORK PACKAGE 2

The work carried out by WP2 aims to provide a clear direction and vision for all the other work packages in the projectThanks to partners UL, VUA, CUNI, TUD, ICOM and UPC who have made major contributions to work package 2 Conceptual foundations for experiment-driven analysis of extreme data. The first deliverable D2.1 describes our initial iteration of the architecture and it's rationale.

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