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Sano Computational Medicine Seminars Monday, 16 November 2020, 14:00-15:30 (CEST)

Join us via Zoom: https://seminar.sano.science/

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Towards Exascale-ready Ecosystems

Abstract

As the age of exascale computers approaches, it is time to deliver appropriate software solutions to enable future exascale applications. The EU-funded PROCESS project is such an approach, bringing together leading experts in high-performance computing and data management.

The aim of the project is to provide a comprehensive, mature and modular service-based set of solutions and tools, all available to the community as open source packages, specifically designed to enable data processing at extreme levels in both scientific research and advanced industrial environments.

The final result of PROCESS is a set of highly data-oriented services for exascale systems, based on the requirements of five representative pilot use cases. These settings cover different areas, such as exascale learning on medical image data, analysis of radio astronomy observations or airline revenue management.

In this presentation we want to introduce the PROCESS ecosystem with its modular software stack that enables scientific and industrial applications to take their performance and community impact to the next level.



- 2. https://www.process-project.eu/deliverables/
- 3. https://www.process-project.eu











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