

Challenges and opportunities for large-scale federated science and computing in the EU landscape

Wednesday 21 September 2022 18:30 (30 minutes)

This presentation gives a bird's eye view on the science, software, computing, and funding landscape in the EU, identifying potential challenges and opportunities.

After an introduction of the constraints and requirements informing this work, a high-level map of the ecosystem will be introduced. This ecosystem spans from science end-users to systems and service providers, funding agencies and other stakeholders. The natural point-to-point interactions that occur in this ecosystem appear at odds with a 'gate keeping' platform-based approach to large-scale science infrastructures compounded by the shift to national funding in the context of the ESFRI mechanisms.

The second part of the presentation identifies a number of key activities and practices already performed by the stakeholders in this

landscape: FAIR practices, the peer review process, science & software & systems operations. A co-design process with the working title Living Science appears at the convergence of these key activities. Living Science re-contextualizes existing science and technology practices into a process with a clear value proposition to stakeholders in this

landscape: ownership of working science now and in the long term.

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