

Science Mesh Demonstrators

Jakub T. Mościcki, CERN, 7 March 2023

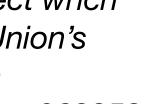
Science Mesh

sciencemesh.io





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Demonstrators

ScienceMesh is built by CS3 Community and open to all

- Multiply value and impact of EFSS services in the research environments
- Share interoperable developments: don't reinvent the wheel
- What we try to build?
 - Trust-based federation: open, secure, interoperable
 - Integrate the research workflows (make your EFSS better)
 - compute services, FAIR repositories, ...
 - Interoperability with other Research Infrastructures (e.g. ESCAPE, ELIXIR, EGI, ...)
 - so we have multidisciplinary offer

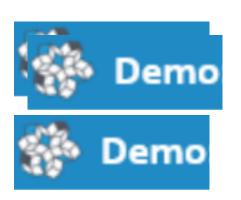


Demonstrators

- Interoperable Science Mesh Federation based on OCM
 - Connecting Nextcloud and OC-10 to Science Mesh Michiel de Jong, Pondersource
 - Invitation Workflow + OC10 + NC, Milan Danecek, CESNET
 - Science Mesh sharing in OCIS Elizavetta Ragozina, CERN
- Interoperable Research Workflows & Research Infrastructures
 - JupyterLab sharing and collaborative editing, Marcin Sieprawski, Software Mind
 - Connecting Science Mesh and ESCAPE Data Lakes, Ron Trompert, SURF Shown in other sessions:
 - Reducing Friction of FAIR Data handling for researchers, Holger Angenent, WWU Munster
 - Pushing Data Science to The Limits with Voila, Davide de Marchi, JRC









Applications integration beyond local clouds with OCM, Giuseppe Lo Presti, CERN [next session after coffee break]



