Cloud Services for Synchronization and Sharing

6-8 March 2023

Welcome

Jakub T. Mościcki, CERN-IT

on behalf of all CS3 2023 organisers

This is the **9th edition**!

cs3community.org

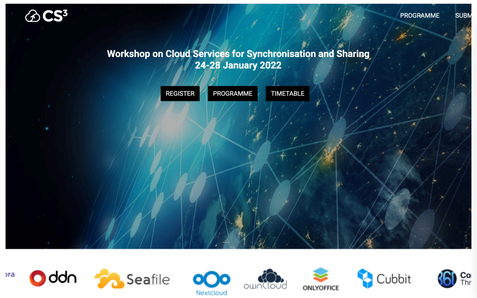
3 years since last in-person gathering!

6-8 March 2023

Barcelona, ES

Conference Organized by
ESADE

Website/Registration | Programme



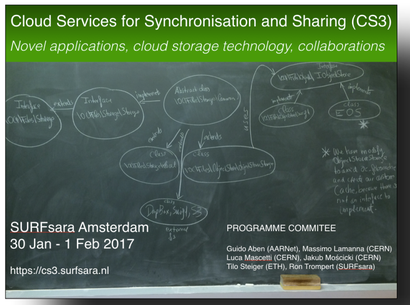
Virtual 2022

Virtual 2021

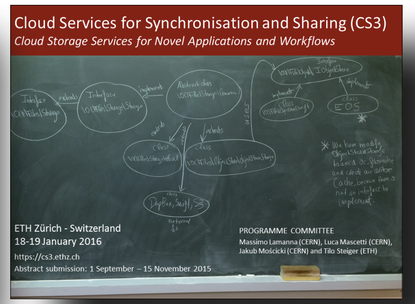
København 2020

Roma 2019

Kraków 2018



Amsterdam 2017



Zürich 2016

Genève 2014

2023: who’s in?

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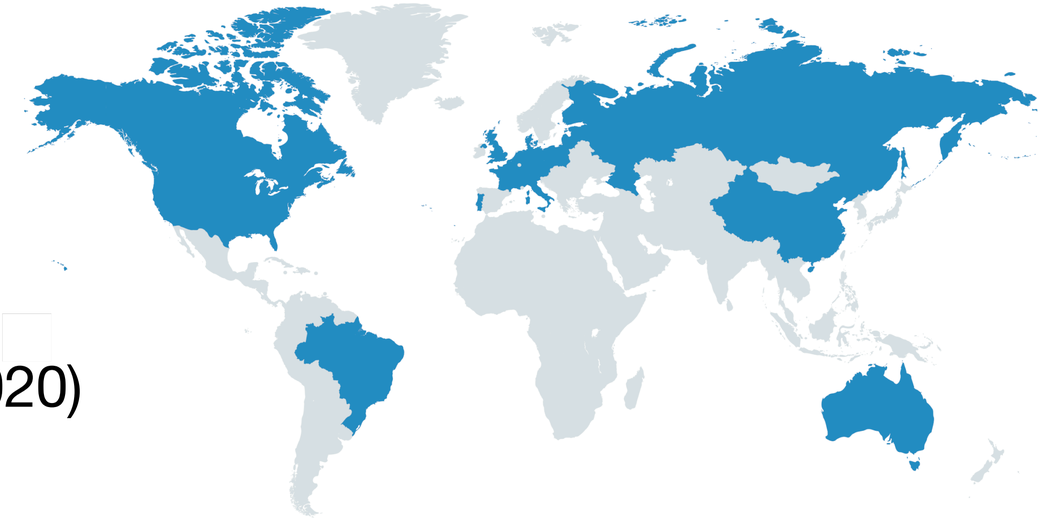

- This is first in person event after pandemic
  - **120 on-site participants**
  - **30+ remote participants** (number still growing)
  - Average in last 3 pre-pandemic events (2018-2020)
    - 130 participants
- **Large institutional diversity:**
  - Universities, International Organisations, NRENs, Computing Centres, Private Companies: SMEs and Enterprises, European Commission
- **Large geographical diversity:**
  Europe and beyond => Brazil, China, United States, …

Evolution of focus areas

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- 2014: Beginning… isolated cloud storage services deployments
- 2015: Getting the basics right: hardening operations and technology
- 2016: New applications: document handling, productivity, …
- 2017: Infrastructure fabric: home directories, Windows/Mac/Linux
- 2018: Live research workspace: store and share data and research objects
- 2019: Integration into research environments: Jupyter Notebooks, Open Data, …
- 2020: Federations & Interoperability: OCM, ScienceMesh, HIFIS,..
- 2021/22: Future Storage & Collaboration: Open Science, Research Clouds, EOSC…
- 2023: **Back together: consolidation of efforts and lookout for future opportunities**

Programme Highlights

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- **Over 50 presentations during 3 days**
- **Keynotes**

Prof. Alfonso Valencia

Technical and scientific challenges in biomedicine; a European perspective

Monday, 6 March, 10:00 – 11:00

Prof. Barend Mons

Stop data sharing

Tuesday, 7 March, 09:30 – 10:30

Workshops and Campfire discussions

We encourage active participation of the audience!

- **Discussion on Standards & Interoperability** ***Tuesday afternoon***
  - OCM, CS3API: status, governance, collaboration
  - EFSS Interoperability: Seafile, Owncloud, Nextcloud

OCM CS³API

- **2nd ScienceMesh workshop** ***Tuesday afternoon***
  - Demo session & Q/A
  - How to join CS3 federation of sites and services
  - CS3 as a part of European Open Science Cloud

Science Mesh

sciencemesh.io

- **SIG-CISS meeting** ***Wednesday afternoon***
  - Cloud infrastructure services, platforms and workflows
  - Co-located GEANT event, contact Mario Reale for more information

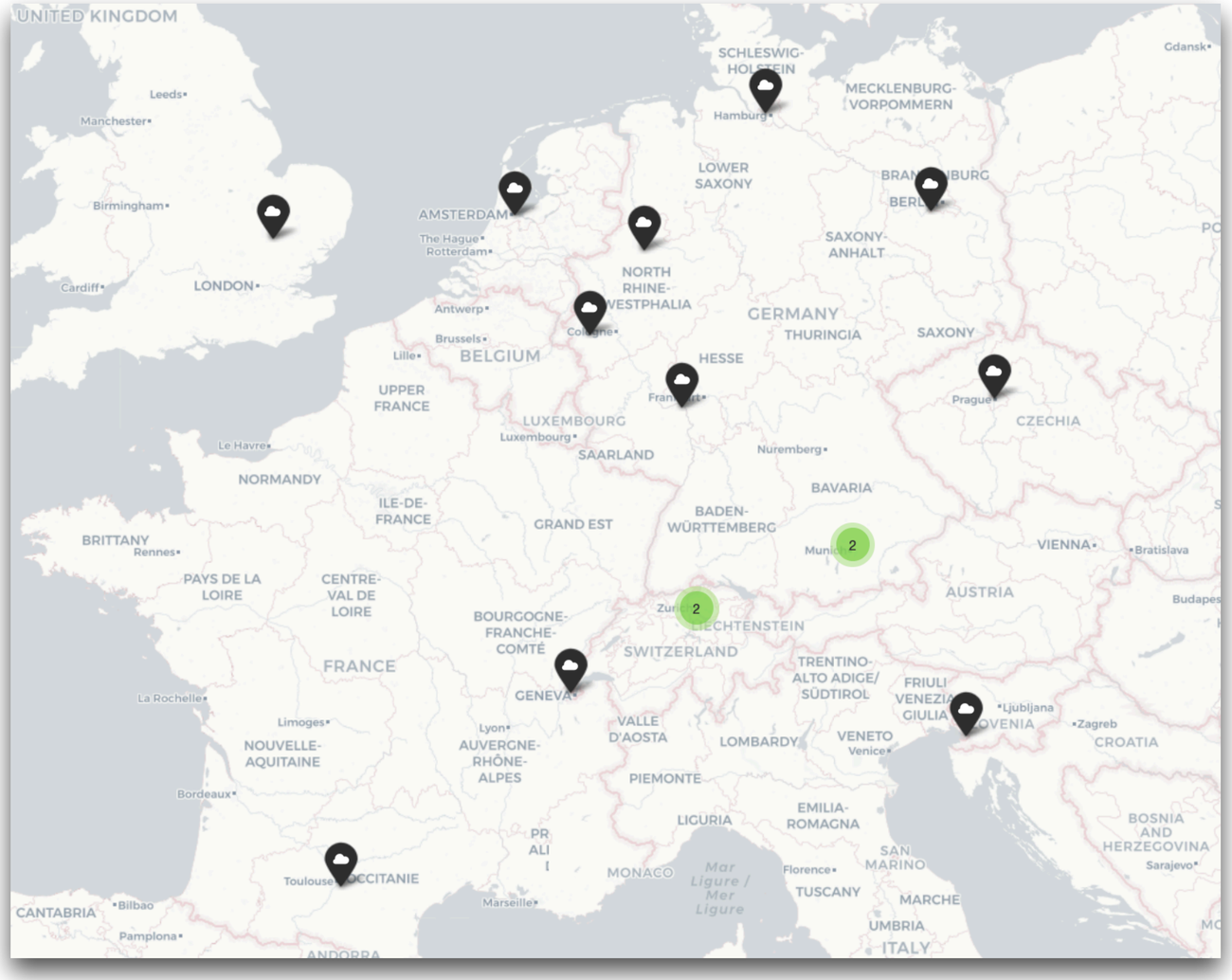
GÉANT

Where are the CS3 services?

cs3community.org

- **Site report survey**
- **Community Map**
  maintained by ETH Zurich

https://cs3map.ethz.ch



Support
by CS3MESH4EOSC project

cs3community.org

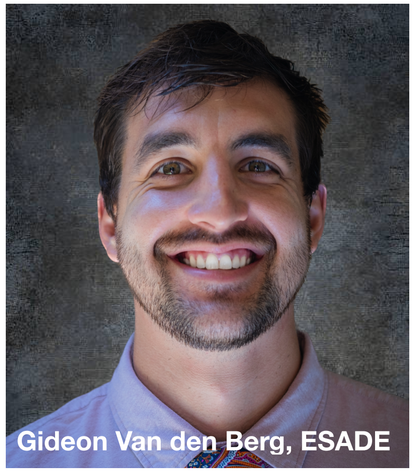
- To this event…
  - community bonding: sponsoring the early-bird fee discount to support travel for CS3 2023
- …and beyond
  - increasing the value of EFSS services
    - supporting interoperability initiatives such as OCM
    - consolidating and preserving technical contributions from the community
  - making CS3 community a visible and substantial component of R&E infrastructure landscape, in Europe and beyond

This conference is supported by

CS3 MESH4 EOSC
Connecting European Data

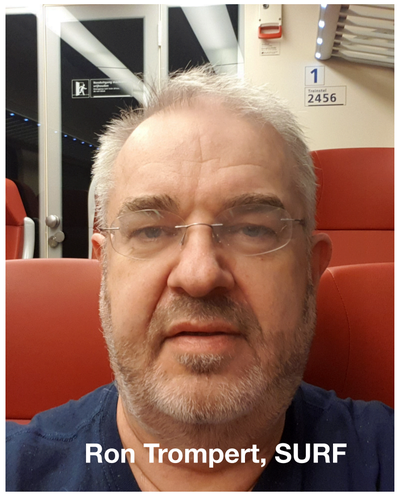
This project has received funding from the European Union's Horizon 2020 research and innovation programme.

CS3 2023 Organizing & Programme Committee


Gideon Van den Berg, ESADE

Rita Meneses, TRUST-IT

Angelo Romansanta, ESADE


Ron Trompert, SURF

Hugo Gonzalez, CERN IT

Pedro Ferreira, CERN IT

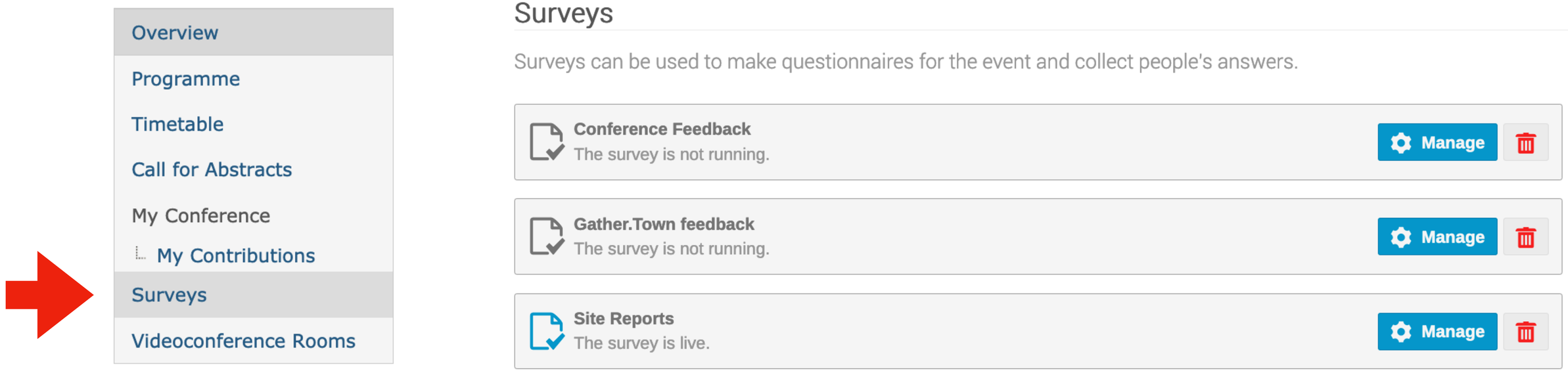
Tilo. Steiger, ETH Zurich

Kuba Moscicki, CERN IT

Guido Aben, SUNET

Conference feedback

Please help us to improve CS3 Conferences



nextcloud
A safe home
for all your
PowerFolder
FILE SYNC AND SHARE
ADVANCED FEDERATED CLOUD TECHNOLOGY
MOVE YOUR DIGITISED ASSETS
FAST, SAFE AND RELIABLE

Starting point
create initial infrastructure

Privacy Notice: recording

- Conference is recorded and streamed on ZOOM for registered remote participants
- The recordings will be published after the conference

Big thanks to our local organisers

esade

This is a preferred email address, so it makes it faster for someone from the organisation committee to pick it up

cs3-conf2023-iac@cern.ch