

Workshop on Cloud Services for Synchronisation and Sharing 25 - 29 January 2021

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Welcome

Jakub Moscicki, CERN-IT, on behalf of all CS3 2021 organisers



Collabora Online



ONLYOFFICE



Cubbit



ownCloud



nextcloud



Seafile



ORACLE



Kopano



COMTRADE

This is the 7th edition!



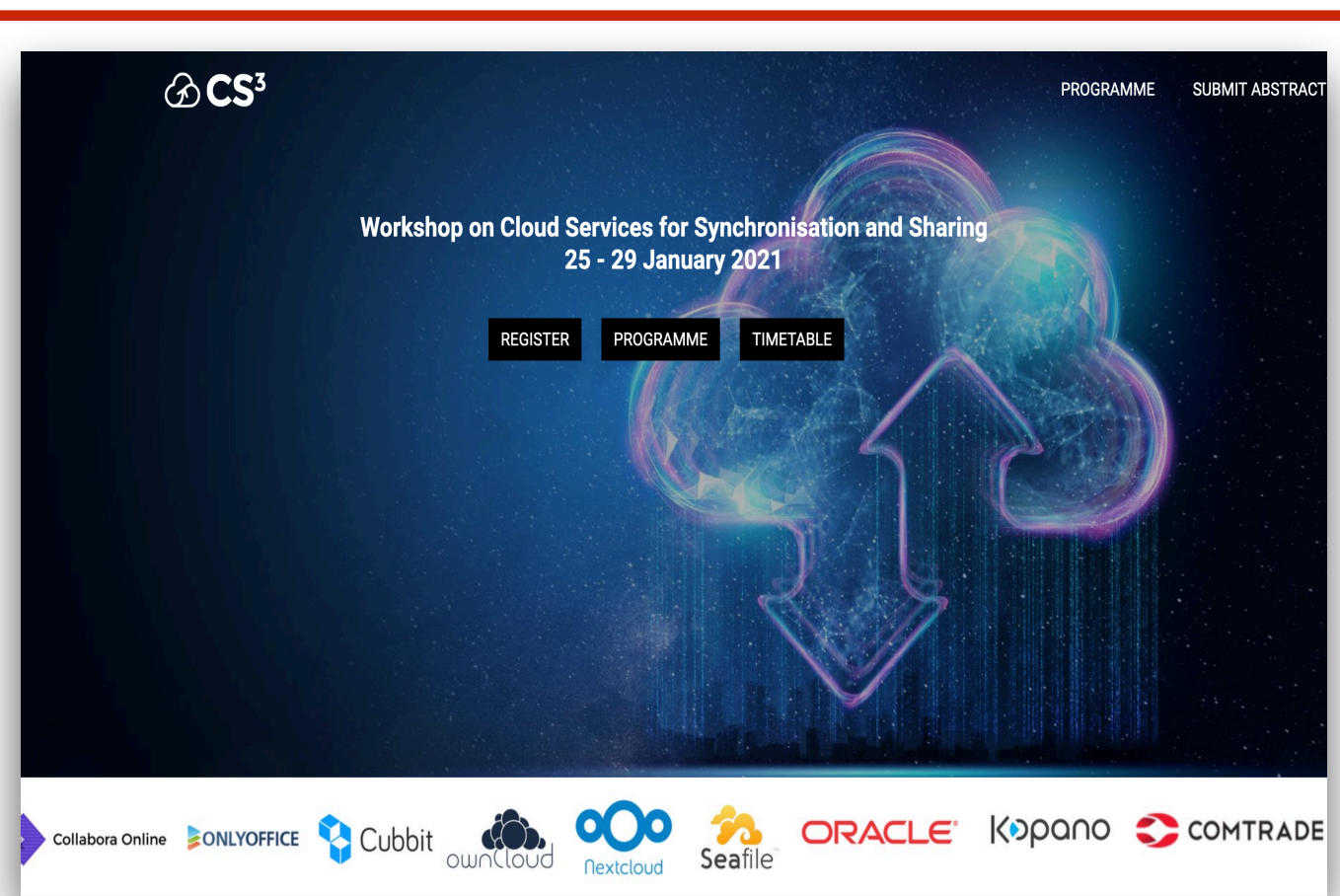
København 2020



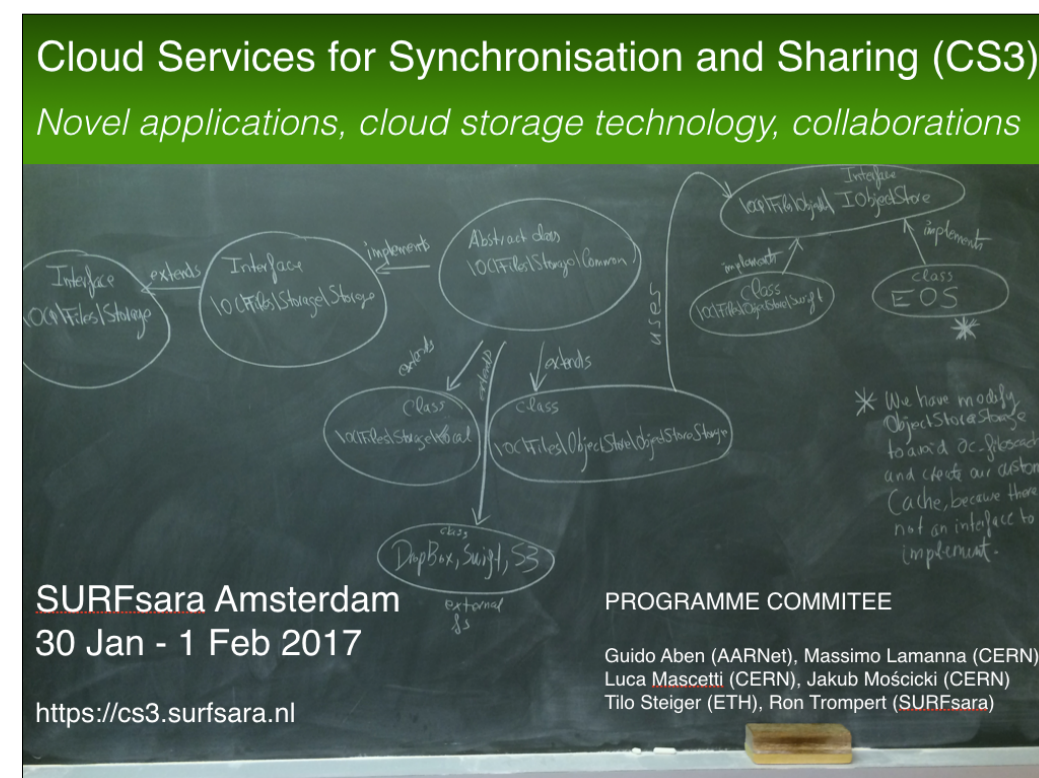
Roma 2019



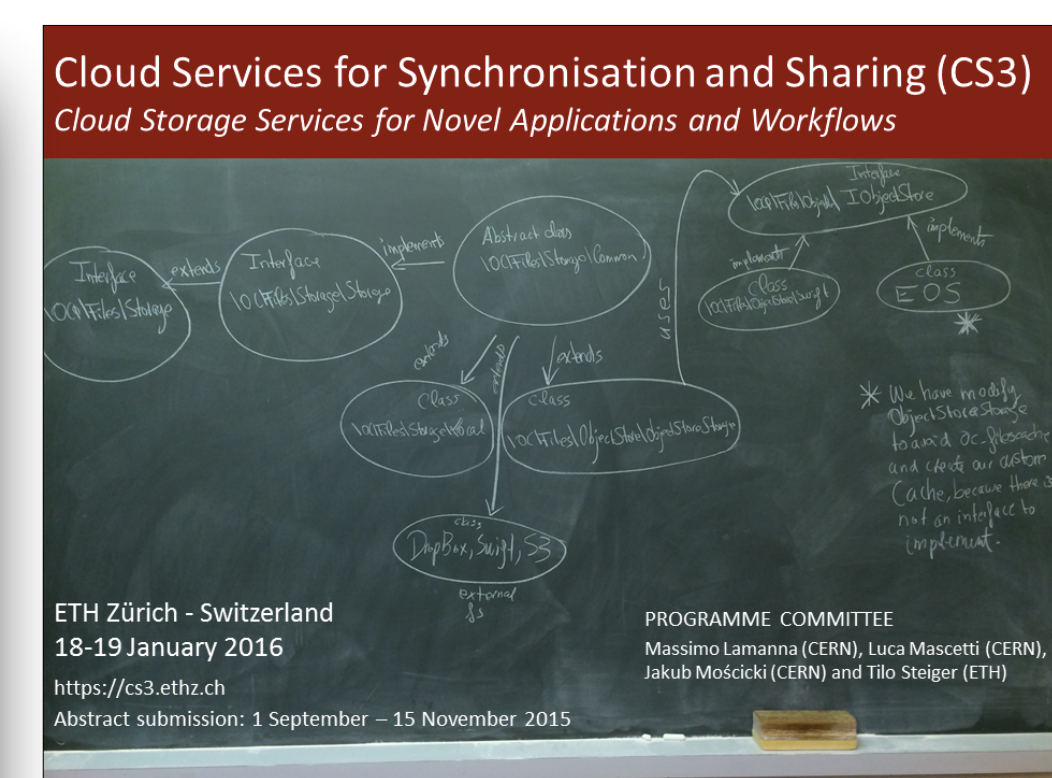
Kraków 2018



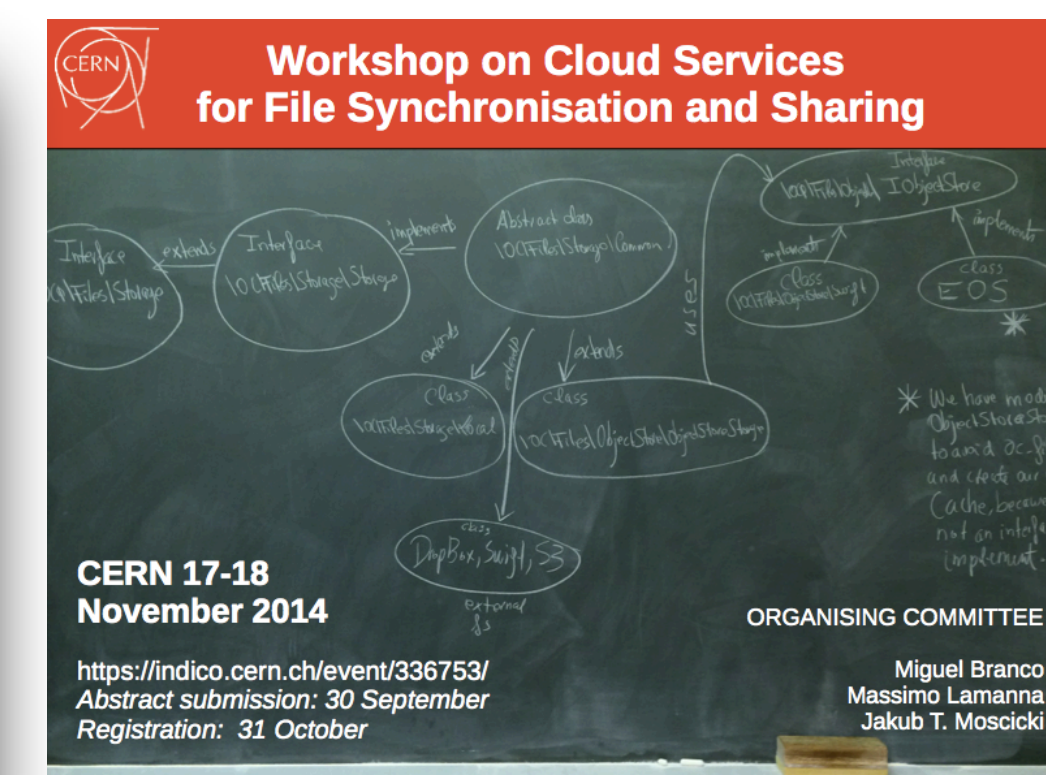
Virtual 2021



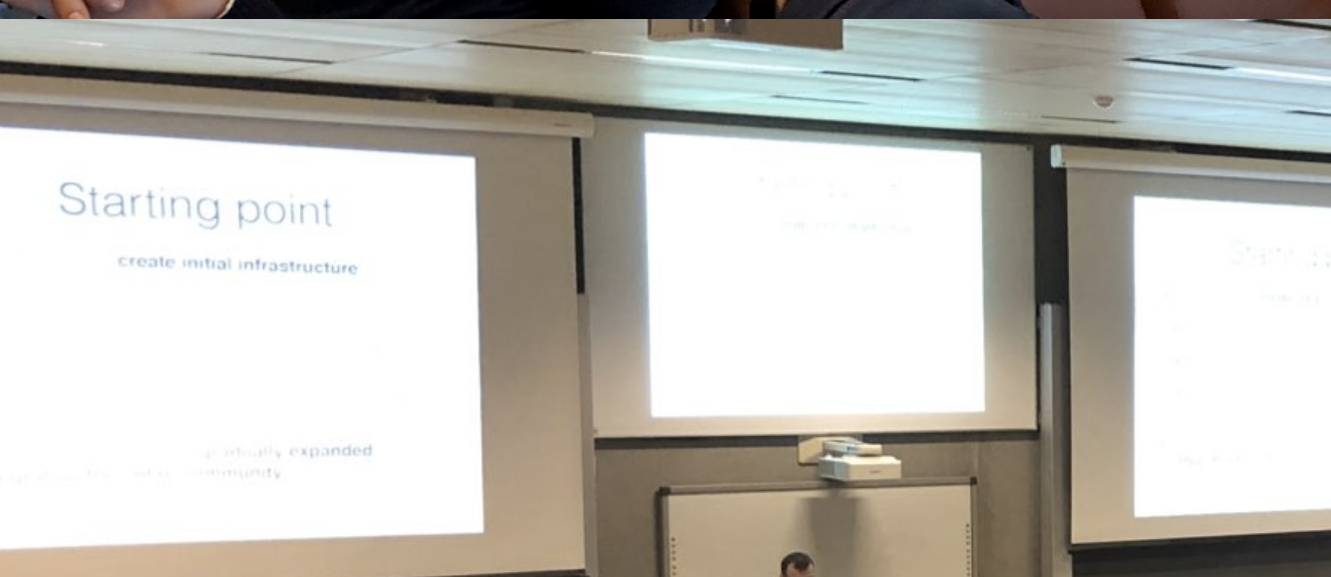
Amsterdam 2017



Zürich 2016



Genève 2014

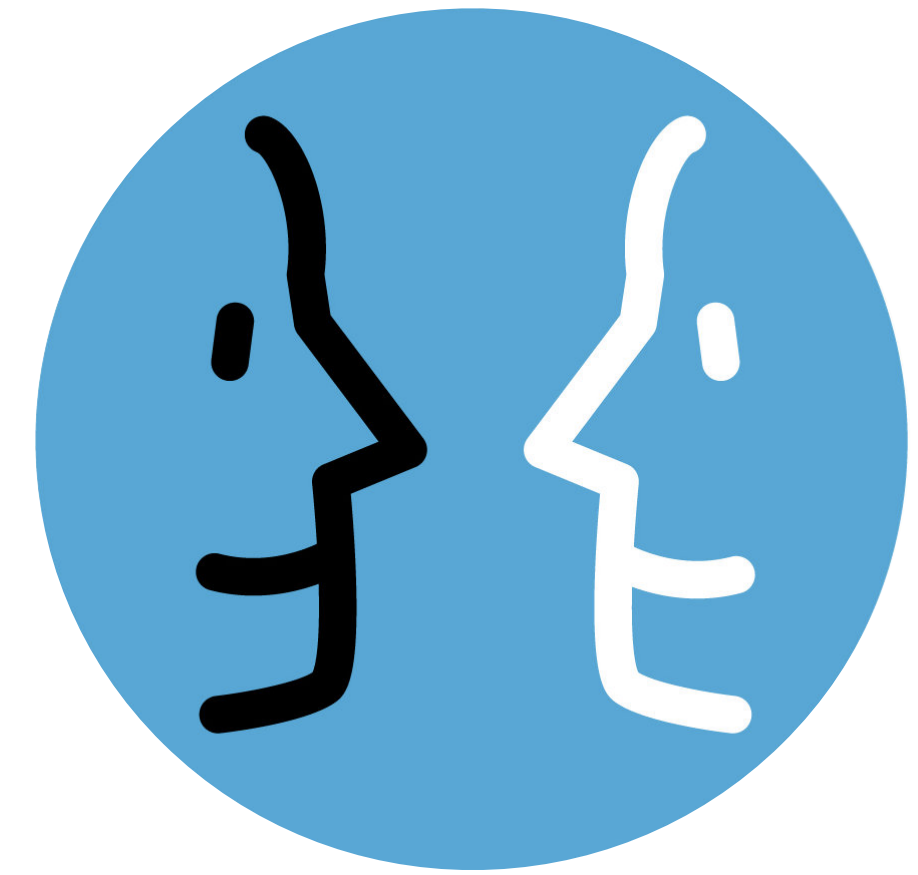


2021 Attendance

- 226+ registered participants
- 102 different organisations
- 25 countries

Universities, International Organisations, NRENs, Computing Centres,
Private Companies: SMEs and Enterprises, European Commission

Also beyond Europe: Australia, Indonesia, China, Taiwan, Turkey,
United States



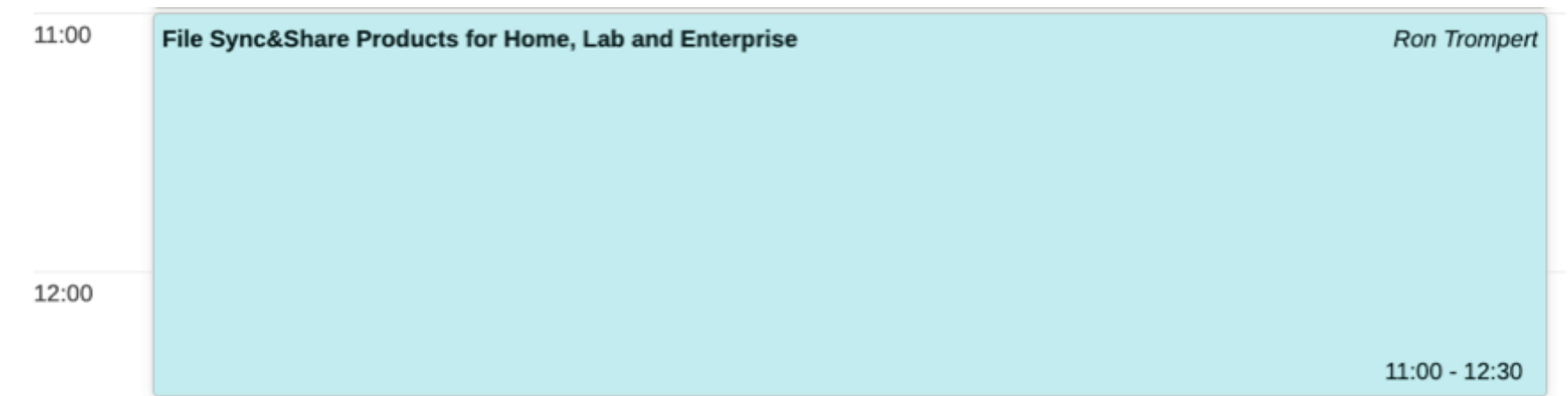
Agenda Highlights : Monday

Keynote by Christoph Bals, Germanwatch e.V.



The triangle of digitalization – sustainability and democracy within digital collaboration

EFSS news & update from companies



Agenda Highlights : Monday

Campfire discussion: On-premises, public or hybrid?

- 2020: Interoperability
- 2018: Future of EFSS

Site reports & CS3 Community Map

- Site report survey
 - <https://indico.cern.ch/event/970232/surveys/>
 - <https://cs3map.ethz.ch>

13:00	Interactive lunch	12:30 - 13:15
14:00	On-premise, hybrid or cloud? <i>Guido Aben</i>	13:15 - 14:45
15:00	Interactive coffee break	14:45 - 15:15
16:00	Site reports: CS3 Summary and Lightning talks <i>Dr. Tilo Steiger</i>	15:15 - 16:20
	Interactive coffee break	16:20 - 17:00

Agenda Highlights: Tuesday

- Sync & Share and...
 - Data Science Environments
 - Collaborative Applications
- EOSC, Future Research Infrastructures
 - Overview from Bob Jones — a director of the recently formed EOSC Association

09:00	Novel Data Science Environments: Novel Data Science Environments	<i>Guido Aben</i>
10:00		09:00 - 10:15
	Interactive coffee break	
		10:15 - 10:45
11:00	Collaborative applications	<i>Pedro Ferreira</i>
		10:45 - 12:00
12:00	Interactive lunch break	
13:00		12:00 - 13:30
14:00	EOSC & Federations: Future research infrastructures	<i>Jakub Moscicki</i>
		13:30 - 14:35
	Interactive coffee break	
		14:35 - 15:00

Agenda Highlights: Tech Wednesday

- Sync & Share and...
 - FAIR and Open Research Data Services
- Technology & Storage Backends

09:00	Site reports	09:00 - 09:10
	FAIR and Open Research Data Services	Ron Trompert 09:10 - 10:10
10:00	Interactive coffee break	10:10 - 10:40
	Tech Short Talks	Hugo Gonzalez Labrador 10:40 - 11:40
11:00		
12:00	Interactive lunch break	11:40 - 13:00
13:00	Scalable Storage	Jakub Moscicki 13:00 - 14:20
14:00		

Agenda Highlights: 2nd OCM Workshop

Wednesday afternoon

- Follow up from June 2020 OCM Workshop

15:00	Welcome	<i>Pedro Ferreira</i>	15:00 - 15:05
	The State of OCM	<i>Hugo Gonzalez Labrador</i>	15:05 - 15:15
	The OCM test suite	<i>Michiel de Jong</i>	15:15 - 15:30
	Seafile and OCM (TBC)	<i>Jonathan Xu</i>	15:30 - 15:45
	OCM - from the initial design to a core component of Nextcloud Hub	<i>Björn Schießle</i>	15:45 - 16:00
16:00	A Proposal for OCM Governance (TBC)	<i>Peter Szegedi</i>	16:00 - 16:15
	Brainstorming - OCM in EFSS and beyond	<i>Hugo Gonzalez Labrador</i>	16:15 - 16:35

Agenda Highlights: 1st Science Mesh Workshop

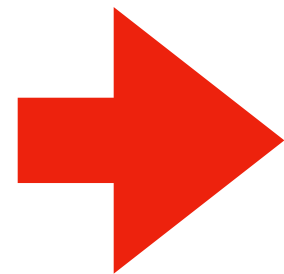
Thursday Morning

- Building together future CS3 federation of services and applications



09:00	Welcome and objectives	Jakub Moscicki
		09:00 - 09:10
	Science Mesh in a nutshell	Pedro Ferreira
		09:10 - 09:40
	Science Mesh for site administrators: operation, security, trust	Ron Trompert
		09:40 - 10:10
10:00	How to join the Science Mesh?	
		10:10 - 10:40
	ScienceMesh for users: applications, use cases & workflow demo	Maciej Brzezniak
		10:40 - 11:10
11:00	ScienceMesh for developers: how to contribute to CS3APIs and IOP	Hugo Gonzalez Labrador
		11:10 - 11:30
	Interactive Coffee break	
		11:30 - 11:45
	Q/A and Feedback from Science Mesh Early Adopters	
12:00		11:45 - 12:20
	Next steps towards adopting the Science Mesh	Jakub Moscicki
		12:20 - 12:30

Conference feedback



- Overview
- Programme
- Timetable
- Call for Abstracts
- My Conference
 - My Contributions
- Surveys**
- Videoconference Rooms

Surveys

Surveys can be used to make questionnaires for the event and collect people's answers.

	Conference Feedback The survey is not running.	Manage	
	Gather.Town feedback The survey is not running.	Manage	
	Site Reports The survey is live.	Manage	

Coffee breaks

The image shows a virtual meeting interface. On the left is a sidebar with the title "CS3" and a search bar. Below the search bar is a list of 17 participants, each with a small avatar icon and their name: Carsten van Hoorn, Michael D'Silva, Galina_ONLYOFFICE, Alexander, Anonymous, HELPDESK Rita Mene..., Peter Heiss (WWU) Sciebo RDS, crystal, Kuba (CERN), Dan (HU Berlin), Pedro (CERN), Jean-Marie de Boer (...), HUGO (CERN), Anna (CERN), Marcel Wunderlich, Holger Angenent (W...), and Virgile Jarrige (UNIST...). At the bottom of the sidebar are icons for settings, a hammer, a calendar, a chat bubble, and a group of 17 people.

The main area is a 3D virtual space with a dark brick floor and walls. In the center, there is a large white rectangular area with the "CS3" logo and the word "HELPDESK" below it. Several smaller tables and chairs are scattered around. There are several video feeds of participants: one at the top left, one at the top center, and one at the bottom right. Blue arrows point to different rooms: "NOVEL DATA SCIENCE ENVIRONMENTS" ROOM (top left), "HYBRID OR CLOUD" ROOM (top right), "COLLABORATIVE APPLICATIONS" ROOM (middle left), "EOSC & FEDERATIONS" ROOM (middle right), "FAIR & OPEN RESEARCH DATA SERVICES" ROOM (bottom left), and "SCALABLE STORAGE" ROOM (bottom right). A "Manage space" button is visible in the bottom right corner.

CS3 2021 brought to you by...



Special thanks

Holger Angenent from Munster University for nice ideas!

The audio/video support is kindly provided by CERN IT.

The access to GatherTown platform is kindly sponsored by the cs3mesh4eosc.eu project which received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement no. 863353.



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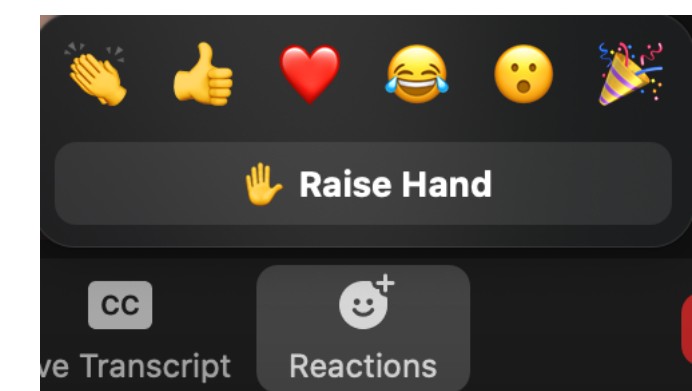
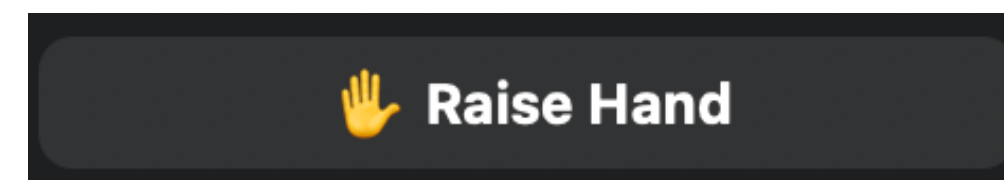
Logistics

Howto ZOOM

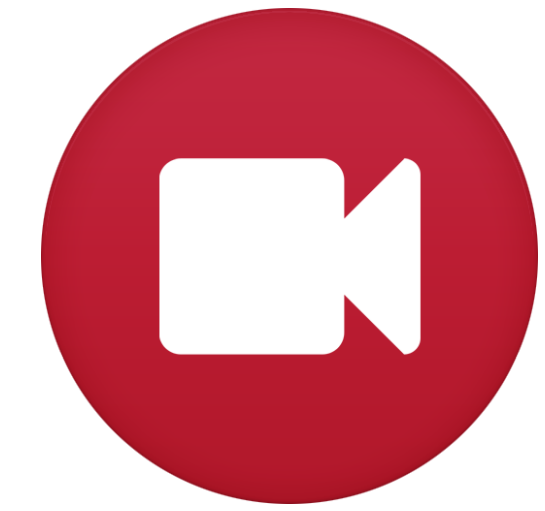
Etiquette



- Use the native Zoom client, not the Web one (WebRTC)
- Mute your microphone, and don't send your camera signal - unless it is your turn
- Time for questions is foreseen after each presentation
 - Do not interrupt the speakers during the presentation
- Questions/comments
 - **Raise hand** (Zoom feature). **Lower your hand** afterwards
- If you don't want to speak you can write your question in the ZOOM Chat.



Session Details



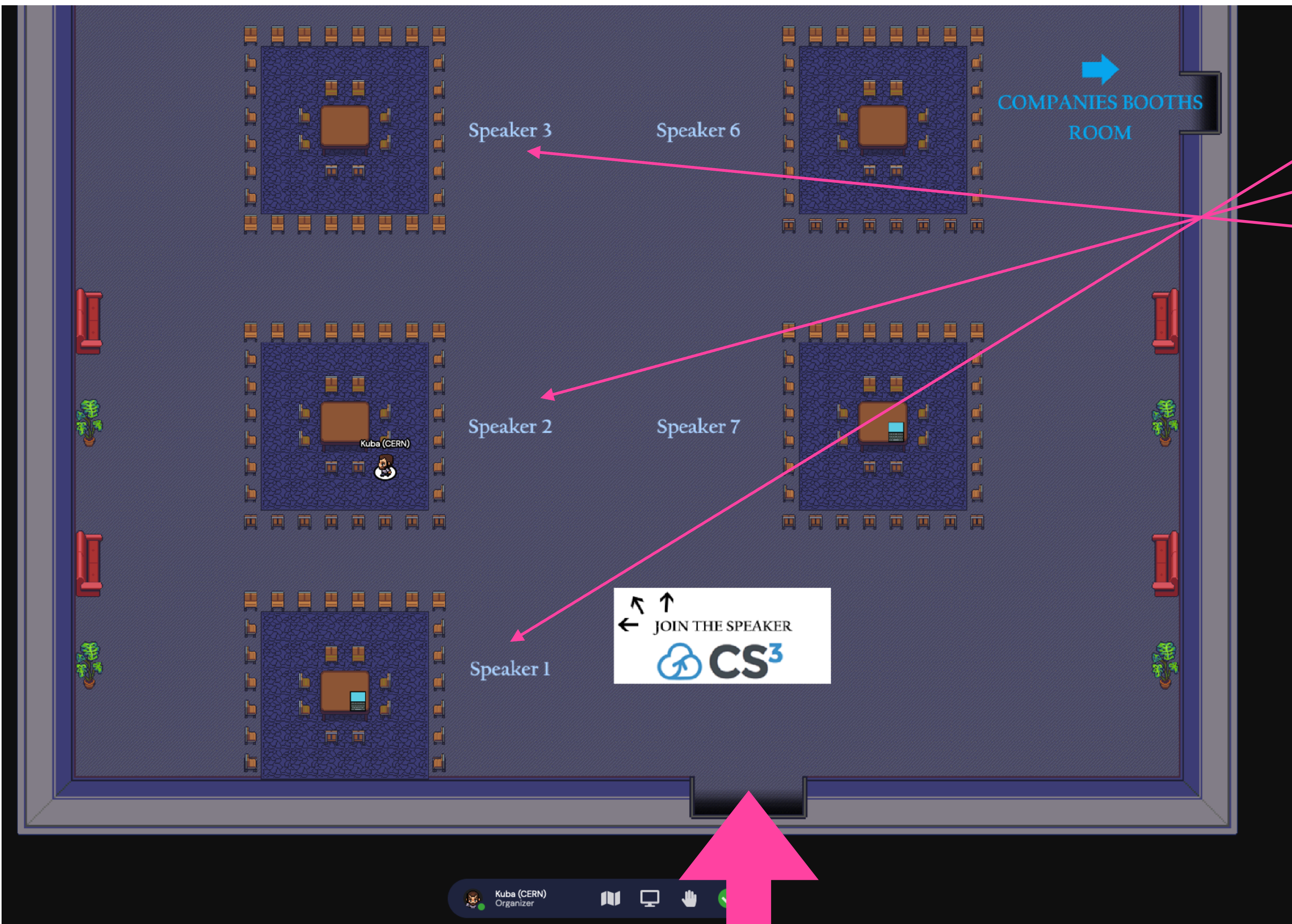
- Event will be recorded and recordings will be made publicly available on the web
- After each presentation there will be 2 or 3 minutes for questions
- After each session there will be an interactive break — you will be able to discuss with the speakers directly in Gather Town
- You can also go to the company booths or explore 6 thematic rooms.

Social Interactions

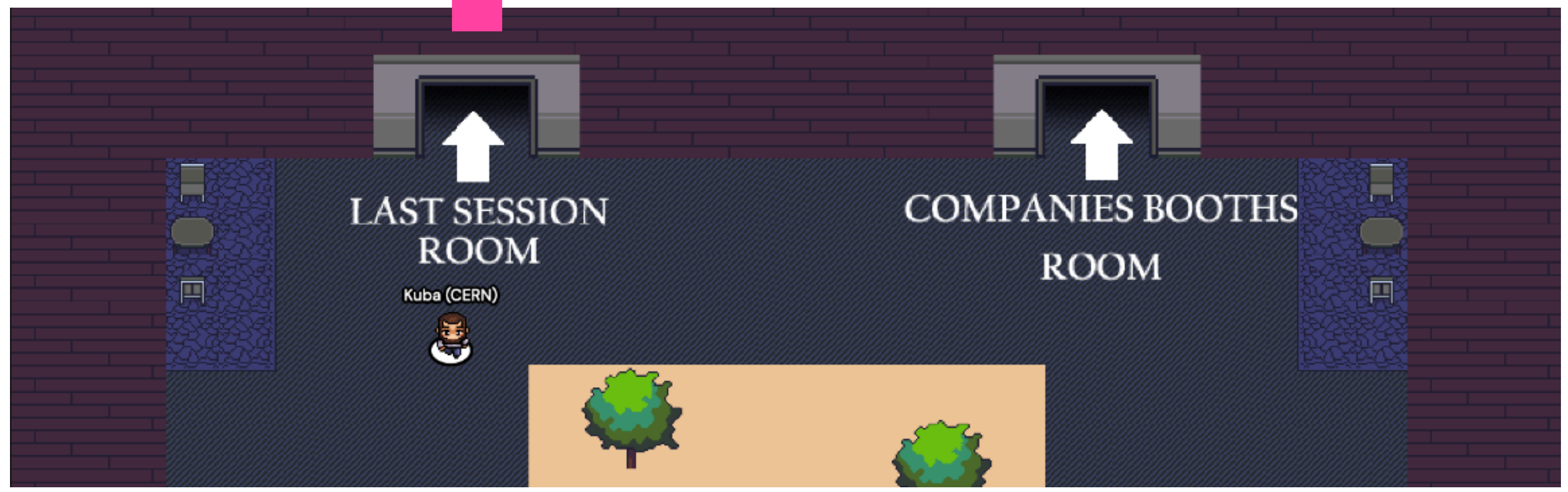
Gather.Town



- This is an experimental feature
 - If it works fine and is useful we will extend it to the next days
- Let's use the first coffee break on Monday to test the interface
 - User Guide and Access: <https://indico.cern.ch/e/cs3-2021>
 - Check email for password, don't share the password please.
- **Don't forget to mute/unmute Gather.Town interface during ZOOM sessions to avoid feedback and sound problems**



		11:40 - 13:00
13:00	Speaker 1 Making Reva talk to EOS: ultimate scalability and performance for CERNBox	Fabrizio Furano 13:00 - 13:10
	Speaker 2 GPFS – protocols and watchfolder function	Weiser Olat 13:10 - 13:20
	Speaker 3 EOS-wnc: EOS Client for Windows	Gregor Molan 13:20 - 13:30
	iRODS Policy Composition: Configuration, Not Code	Terrell Russell 13:30 - 13:40
	REVA on CephFS	Theofilos Mouratidis 13:40 - 13:50
	The ocis storage driver - a deconstructed filesystem	Jörn Dreyer 13:50 - 14:00
14:00	Speaker 8 Samba and CERNBox: experience in providing HA online access to Windows-based users	Aritz Brosa Iartza 14:00 - 14:10
	Scalable Metadata Management Using Onedata and OpenFaaS	Lukasz Dutka 14:10 - 14:20
	Interactive coffee break	Meet the speakers in the break AFTER the session



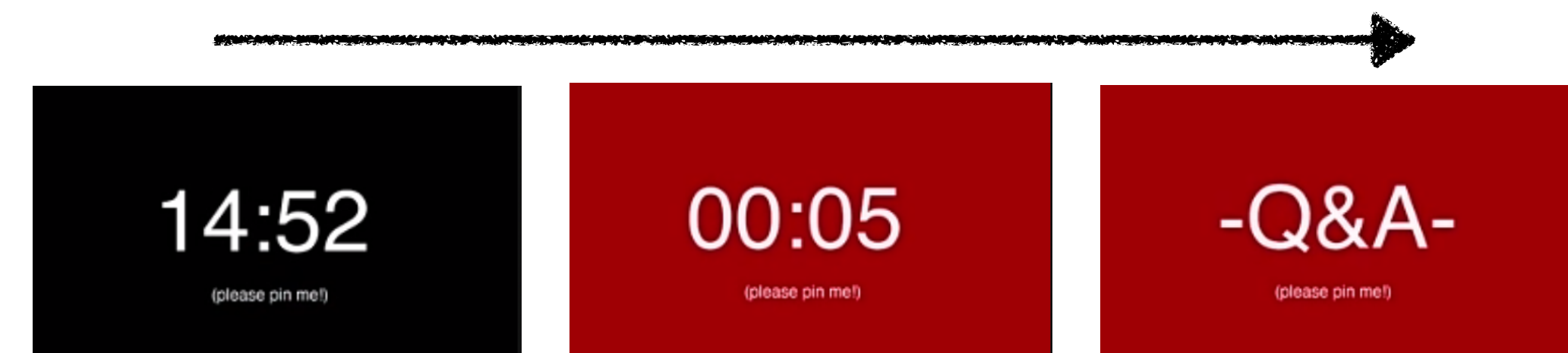
Company Booths

- You can network with the company representatives in the Booths



For the speakers

- Check who is your session convener in the Indico Timetable
- As a speaker you will share the slides directly from your computer
 - Use the native Zoom client, not the Web one (WebRTC)
 - Don't forget to un-share when done
 - Discuss with your session convener if you have special needs
- Upload all material in advance to the Indico page
- Immediately before your session, go to main ZOOM room and do a technical check with the session convener
- Time will be strictly kept for presentation and Q&A
 - There will a timer window which will turn red when there is 30 seconds left



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

cs3-conf2021-iac@cern.ch

Or go to HELPDESK area in Gather.Town