LHCb Starterkit 2021

22-26 November, 2021
https://indico.cern.ch/event/1075616/
https://mattermost.web.cern.ch/starterkit/

Welcome: what is Starterkit?

An introductory workshop which will get you ready for analysing LHCb data and getting familiar with software.

Welcome: meet this year's organisers

Ahmed Abdelmotteleb
(Warwick)

Anja Beck
(Warwick)

Alessandro Scarabotto
(LPNHE)

Lukas Calefice
(LPNHE/Dortmund)

Valeriia (Lera)
Lukashenko
(NIKHEF)

Contact us either individually or via the Starterkit email: lhcb-starterkit@cern.ch

Welcome: teachers and helpers

Teachers and helpers are found on a voluntary basis.

You will meet all of them during the week.

Please a round of applause for them!

Welcome: the schedule

Day 1	Bash, basic python
Day 2	Advanced python, snakemake, git
Day 3	Introduction to LHCb software, Analysis Productions, ganga
Day 4	More on LHCb software
Day 5	Introduction on Run 3, practise session

The full schedule and more information can always be found on the indico page:

https://indico.cern.ch/event/1075616/

Welcome: where to find the material

First 2 days: Analysis Essentials
https://hsf-training.github.io/analysis-essentials/

Day 3-5 LHCb specific:
https://lhcb.github.io/starterkit-lessons/first-analysis-steps/README.html

Lectures are recorded. Recordings will be shared on the same day.

Map of attendees

Starterkit 2021 participants per country
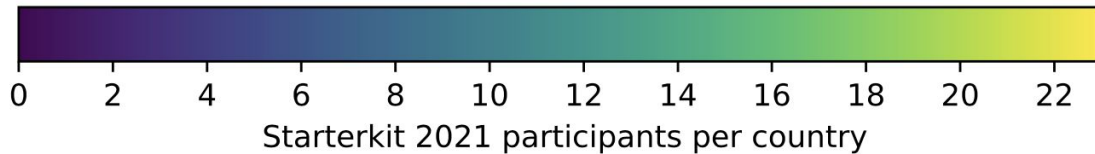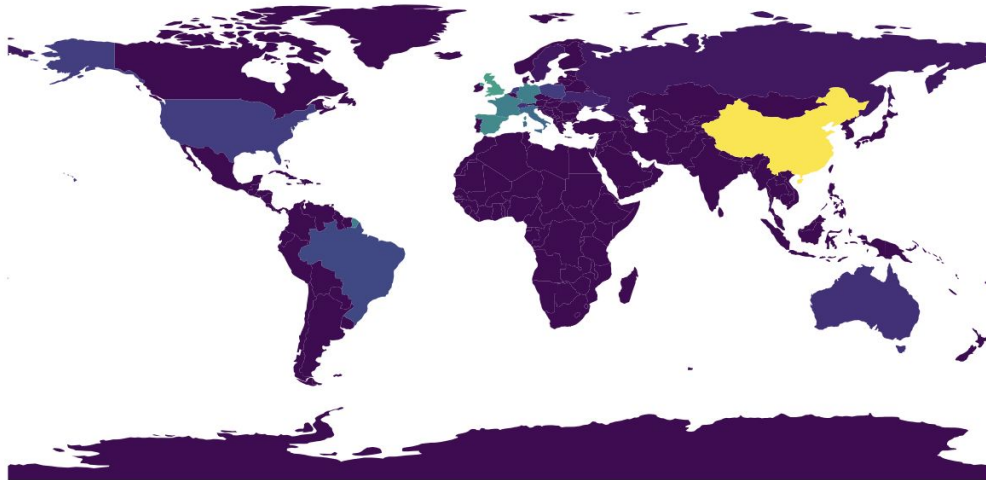
- 103 participants (new record!)

- 42 institutes from 15 countries and 5 continents represented

Prerequisites

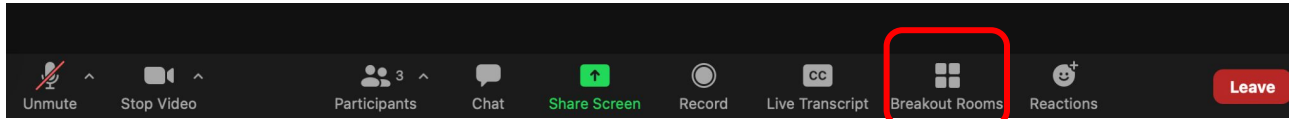- Terminal with SSH capabilities (e.g. Powershell or PuTTY on Windows)
- Access to CERN lxplus account (https://lxplusdoc.web.cern.ch/)
- CERN user grid certificate (and LHCb Virtual Organisation) (https://twiki.cern.ch/twiki/bin/view/LHCb/FAQ/Certificate)

Grid Certificate: do it today! 1 day to request and 1 day to process!

Help sources

- Chat / Live during the zoom session:

  - questions that might be relevant for everyone

- Breakout rooms:

  - if you have technical problems or get stuck, helpers will come to you in the breakout room

- Mattermost:

  - during the workshop:

  https://mattermost.web.cern.ch/starterkit/channels/starterkit-2021-questions

  - for later questions: https://mattermost.web.cern.ch/starterkit/
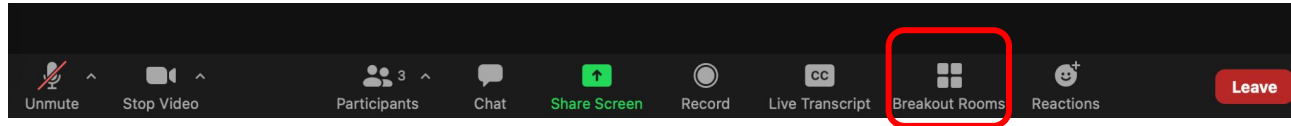
Zoom Breakout Rooms: how to ask for help

First, jump into an empty breakout room.
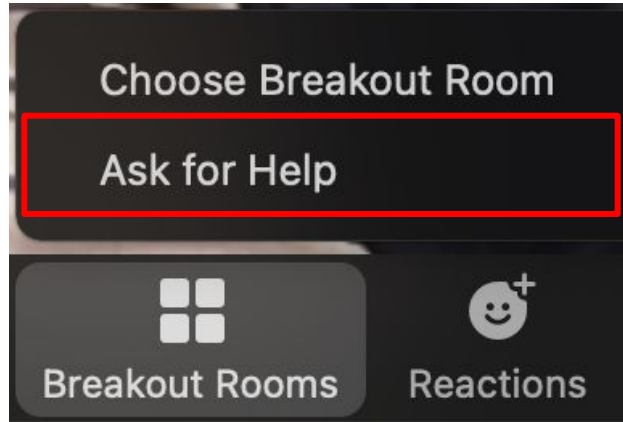
Zoom Breakout Rooms: how to ask for help
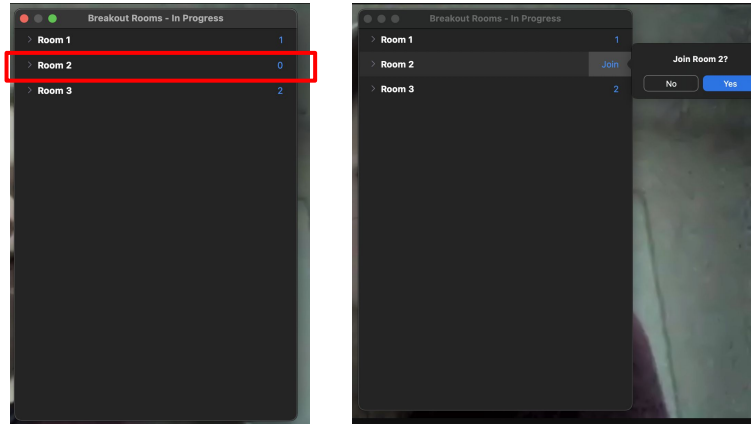
First, jump into an empty breakout room.
Note, if the room says 1 or 2, but the names are not highlighted - they are empty.
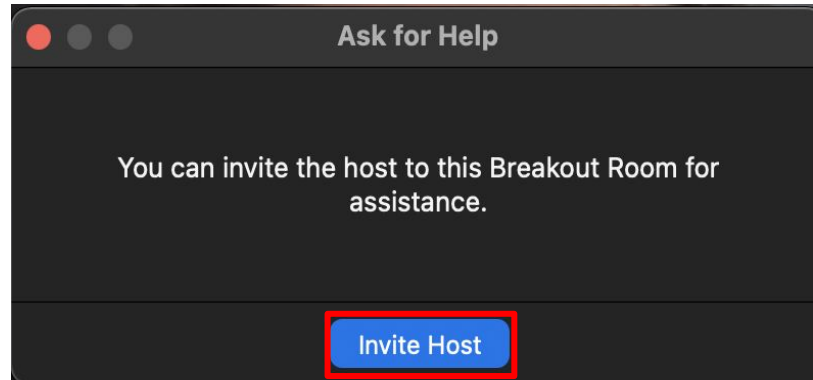
Zoom Breakout Rooms: how to ask for help

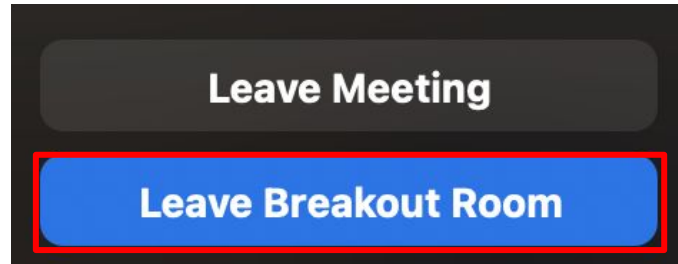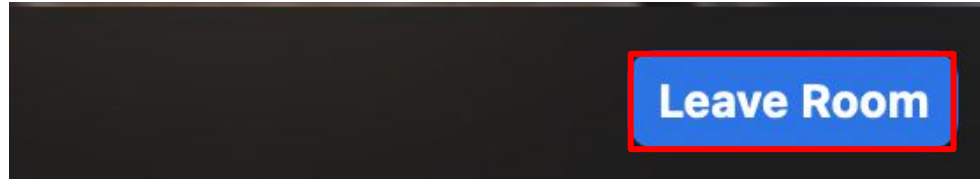**Then, request a helper.**

Zoom Breakout Rooms: how to ask for help

Then, request a helper.

Zoom Breakout Rooms: how to ask for help

Then, request a helper.

Zoom Breakout Rooms: how to ask for help

After you got your help, leave the breakout room.

Socials 🎉🎉🎉

We will be hosting 2 social events:

1. Monday (today): 19:30 - 21:00 CET
2. Thursday: 19:00 - 22:00 CET

Great to meet new people and have some fun playing games!

More information

- You should have received an email via indico with the zoom coordinates.
- If not please contact us!
- If you need a certificate of attendance, please contact the organizers privately.

Good luck and have fun!