



Welcome to Starterkit 2023/24

2nd Year in Hybrid Mode!





But first... new to CERN?


Register your device to the WIFI now! 

- This process can take up to 20 mins
- CERN (link [here](#)) or eduroam ([here](#))
- Let us know if you need a hand

What is Starterkit?

 A week long course, primarily aimed at new starters to the collaboration, addressing common software techniques used in LHCb.

 Everyone's here to learn, all questions are good questions!

 Also a means of getting to know fellow collaboration members!

 Traditionally run by PhD students and Postdocs

 First started in [2015](#) with 40 people attending

 Has now grown into this hybrid event with >75



LHCb Starterkit

 2 Jun 2015, 08:00 → 5 Jun 2015, 18:00 Europe/Zurich

 CERN

 Kevin Dungs (Technische Universitaet Dortmund (DE)), Tim Head (Ecole P

Description The LHCb starterkit is a four day event which will get you ready

We meet at 9am (sharp) on Tuesday in room 2-R-14.

Teachers, Helpers, and Speakers

The Starterkit would not be possible without the contribution from our teachers and helpers! Thank you!

Teachers:

- Jake, Josh, Janina, Hans, Ivan, David, Luke, Emir, Albert, Aidan, Miguel

Also many thanks to our Speakers! They will introduce LHCb in all its glory over the week.


- Vincenzo Vagnoni (Spokesperson), Yasmine Amhis (Physics Coordinator), Lorenzo Paolucci (from the ECGD).

Useful Resources!

- Brilliant, detailed lessons, built over years of collaboration, that most of the sessions this week are based on:
 - [HEP Software Foundation lessons](#)
 - [The LHCb Starterkit lessons](#)
- Our [Starterkit 2023/24 Mattermost channel](#)
 - For questions during the workshop!
- The main [Starterkit Mattermost Channel](#)
 - For questions after the workshop!
 - + an amazingly useful resource of past questions and solutions. If you have an issue someone has probably had it before...




In-Person Technicalities

-  Introduce yourself if asking a global question so Zoom knows who you are!
- Any questions about CERN or Geneva; the organisers, the teachers and helpers will be happy to answer!

Coffee!

- We have arranged some catering for coffee breaks (1 / day) otherwise we have some tea + a water machine down the corridor and a good coffee machine downstairs!
- For lunch breaks, if you're new to CERN there is R1/R2 and a cafeteria upstairs.

 Photos! We will occasionally be taking photos during the sessions for social media and for the starterkit webpage! If you don't want to be in these please let us know (email or find one of us organisers!)

Zoom Technicalities

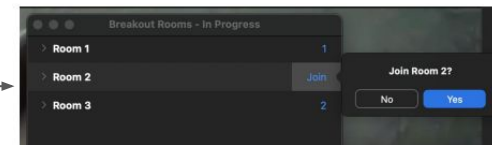
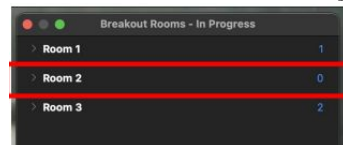
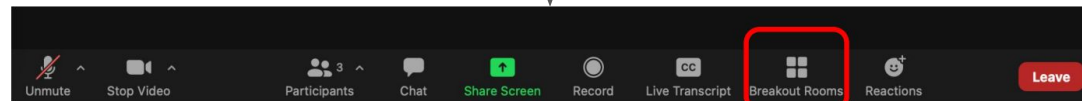
- 🙋 Use the raise hand feature if asking a “global” question during the sessions.
- Helpers for each lesson will have (Helper) next to their name.
- Breakout rooms will be available for the hands-on sessions!
 - Make sure when leaving these you “Leave Breakout Room”
- If in doubt, message on the [Starterkit 2023/24 Mattermost Channel](#)

How to “Ask for Help”

Raise your hand or message in the chat stating your problem/question

The Zoom helpers will then work out if others are having the same problem or would benefit from the answer.

If the question needs hands-on attention, a helper plus those needing help can enter a breakout room



Most importantly:

This is a **Starterkit**; you're building a set of tools for you to use in your LHCb future!

Don't worry if you don't understand everything immediately, you're here to build your knowledge.

Ask questions! There is no such thing as a "stupid question" here!

Today's Programme:

Next: Spokesperson's Introduction from Vincenzo!

Then: Bash + Git Intro

Later: Advanced Python Tutorial

Finally: From Collisions to Physics

More info for the rest of the week on [indico](#).

GRID CERTIFICATES! If you haven't got a grid certificate yet, please sort this asap.

Quick Note: If you need a certificate of attendance, contact us on lhcb-starterkit-organisers@cern.ch !