



# Welcome to Starterkit 2024 (II)

3rd 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 >90



## 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:

- Maria, Juanjo, Uzziel, Mindaugas, Janina, George, Andy, Ivan, David, Luke, Emilio, Aidan, Miguel

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

- Vincenzo Vagnoni (Spokesperson), Fred Blanc (Physics Coordinator), Eliot Jane Walton (from the ECGD).



## New This Year



- The Starterkit is now under the umbrella of WP7, which encompasses all training and documentation efforts by the LHCb
  - Huge thanks to Andy Morris for his help in coordinating
- We will be splitting the group for the hands-on sessions
  - Those of you who signed up for the Advanced Python group will stay in the main room
  - The Basic Python-level students will move to 13/1-017 (Room 17 on the 1st floor of this building)

# 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 2024 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

## Coffee!

- There are two coffee breaks per day. We have purchased enough caffeine to keep you up and running, plus enough sugar to kill an elephant! There are some bananas available too (!)
- If you are missing something, please let us know and we'll buy it asap. You paid for this, after all.
- For lunch breaks, if you're new to CERN there is R1/R2 and a cafeteria upstairs.

## Social event (Thursday)

- We will buy some pizzas and snacks. If you have any dietary requirements, don't hesitate to contact us. (Half the pizzas will be vegetarian.) If you have special petitions, reach out as well
- We will confirm the room later in the week

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

# Zoom Technicalities

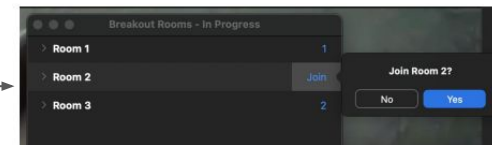
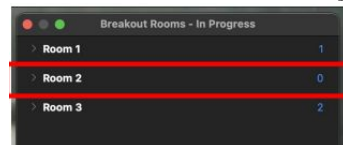
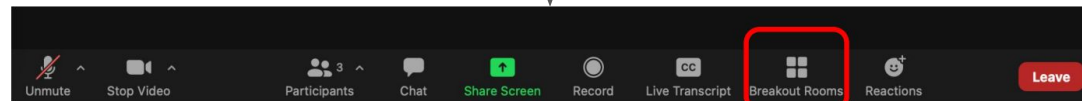
- 🙋 Use the raise hand feature if asking a “global” question during the sessions.
- Helpers for each lesson will have (Helper) next to their name.
- Breakout rooms will be available for the hands-on sessions!
  - Make sure when leaving these you “Leave Breakout Room”
- If in doubt, message on the [Starterkit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

Finally: Snakemake

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](mailto:lhcb-starterkit-organisers@cern.ch) !