Introduction

Marta Czurylo (CERN, EP-SFT)
on behalf of Hackathon coordinators

25.11.24, Idea Square @CERN





ROOT::RHackathon

Topic: Python, documentation and tutorials

Join us for the second ROOT Hackathon!

This edition, we are:

- Enhancing the Python documentation interfaces
- Extending ROOT's Python interfaces
- Modernising ROOT's collection of tutorials



Help us make an impact on HEP software, sign up today!

Places are limited

Details

| For whom | All levels of experience, from new users to seasoned contributors | |
|--------------|---|--|
| When | November 25 - 27, 2024 | |
| Where | IdeaSquare, CERN | |
| Good to know | Home cooked lunches are included! | |



Objectives



Main goals:

- 1. Enhance Python documentation interfaces
- 2. Extend ROOT's Python interfaces
- 3. Modernise ROOT's collection of tutorials

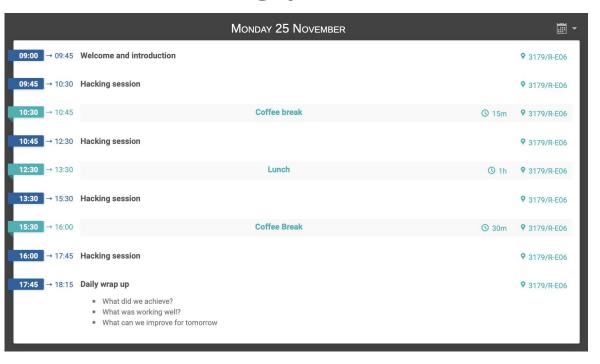
Secondary goals:

- 4. Explain, hands-on, how to contribute to ROOT, following the guidelines of the project and Open Source best practices.
- 5. Illustrate how software development happens for large scientific, open source software package.
- 6. Spend three pleasant and very productive days together devs and users, learning from each other.



Agenda for today

- The schedule: <u>indico page</u>
- Important: do you have a working development environment with a ROOT installation with debug symbols?





Groups and coordinators

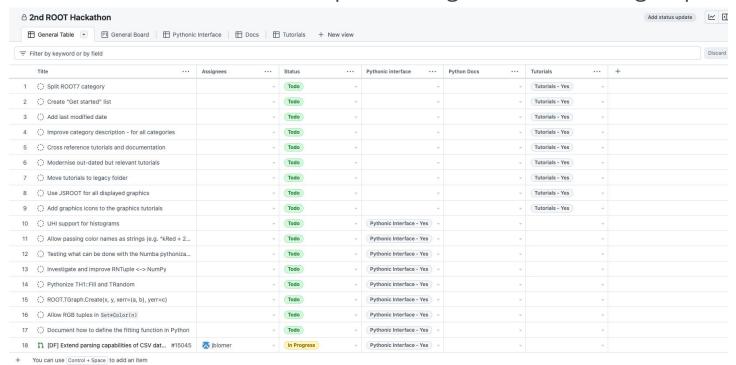
- We will be 27 in total
 - Split into 3 groups
 - Each group has two coordinators

| Pythonizations | Python docs | Tutorials |
|----------------|-------------|-----------|
| Jonas R. | Vincenzo | Monica |
| Aaron | Olivier | Marta C. |
| Eric | Danilo | Alexandr |
| lanna | Declan | Bertrand |
| Jakob | Fernando | Daniel |
| Jonas H. | Florine | Emanuele |
| Lukas | Marta K. | Giacomo |
| Maciej | Mateusz | Grigori |
| Vit | Stephanie | Martin |



Plan for the day

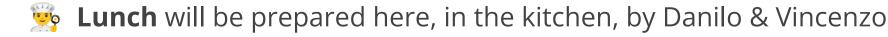
- Suggested items to work on during the 3 days collected in the kanban board
- Details of workflow and work split will be given within each group





Coffees, lunches & dinner

The **coffee** machine is located in the kitchen - take as many coffees and snacks as you need



- Vegan, vegetarian and non-vegetarian variations available
- If you have any dietary requirement talk to us directly
- Social dinner **tomorrow**, in a restaurant nearby: <u>La Meyrinoise</u>



Pictures during the day

- We would like to take some pictures during the day
- Some will be posted on our website (potentially also on official CERN or ROOT social media accounts)
 - o if you don't want to be in the pictures please let us know now

Let's move to a round of introductions

Thanks for coming! Enjoy!