



ESCAPE

European Science Cluster of Astronomy &
Particle physics ESFRI research Infrastructures

ESCAPE Data Science School 2022

Welcome and organisation,
Thomas Vuillaume for the LOC





#ESCAPESCHOOL

ESCAPE SUMMER SCHOOL

Data Science for Astronomy, Astroparticle
& Particle Physics

June 19th to 24th, 2022

Laboratoire d'Annecy de Physique des Particules - LAPP (Annecy, France)



Horizon 2020
European Union funding
for Research & Innovation



Welcome to the ESCAPE Data Science School 2022

The school aims at providing
theoretical and hands-on training
on Data Science and Python development
for astrophysics, astroparticle physics and particle physics.





- A continuation of the ASTERICS summer schools,
held at the Laboratory of Annecy of Particle Physics (LAPP), Annecy in 2017,
2018 and 2019
- 2021: virtual edition, more than 1000 registered participants
 - All content freely accessible online
 - Recorded lectures
 - <https://escape2020.github.io/school2021/>
 - <https://doi.org/10.5281/zenodo.5838436>



(Don't) ESCAPE social media

School main page: <https://indico.in2p3.fr/event/26913/>

Subscribe to the ESCAPE newsletter : <https://projectescape.eu/>

Follow us on twitter:



Twitter twitter.com/ESCAPE_EU

Ask questions on slack



Who are we?



Thank you!

Thanks to all the organizers and people who helped along the way

Thomas Vuillaume, Maud Coppel, Corinne Feullar, Nicolas Hantz, Cécile Jacob, Enrique Garcia, Julie Chaudan, Giovanni Lamanna

Find out about them:

<https://indico.in2p3.fr/event/26913/page/3053-organizing-committee>

And with the help of:

Éric Grouas, Michel Cortat



Thank you!

Our tutors

Tamas Gal

Léa Jouvin

Maximilian Nöthe

Rachael Ainsworth

Martino Sorbaro

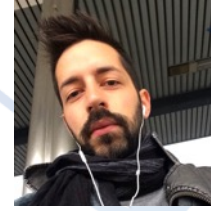
Mikaël Jacquemont

Michaël Dell'aiera

Karl Kosack

Enrique Garcia

Thomas Vuillaume



Data experts from different scientific backgrounds

Find out about them on:

<https://indico.in2p3.fr/event/26913/page/3012-speakers>

They will be around all week to help you.

Go talk to them and inquire them about your data projects.



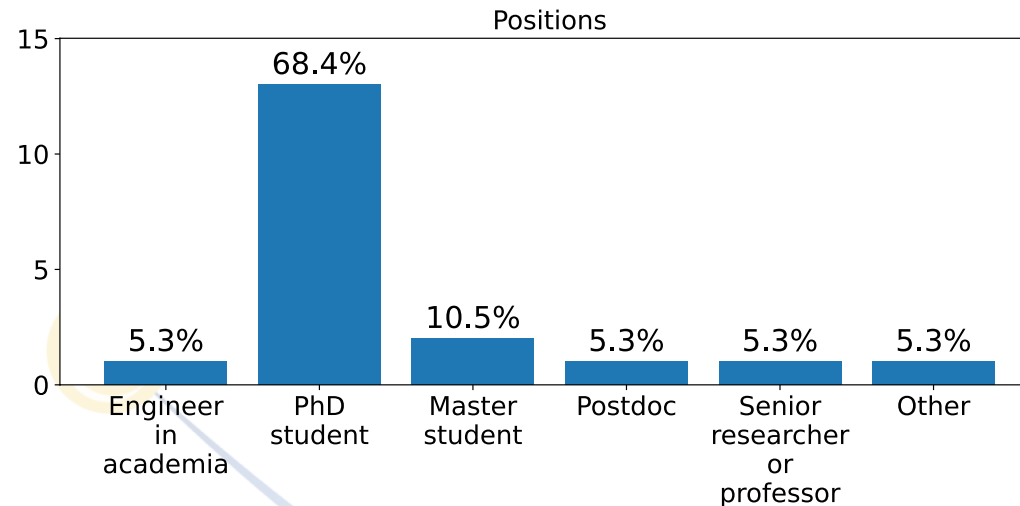
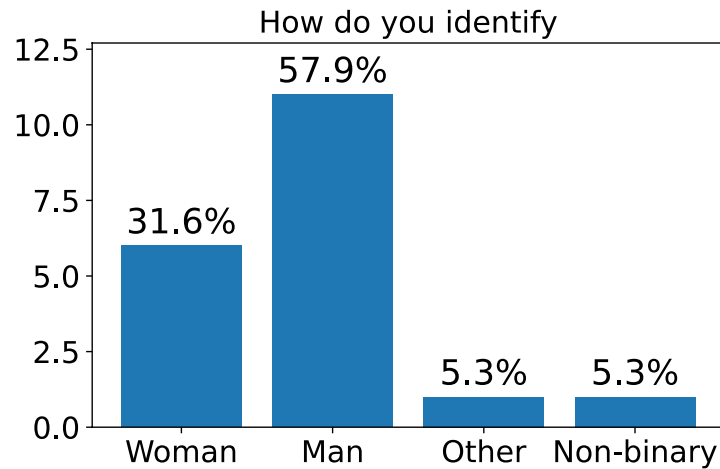
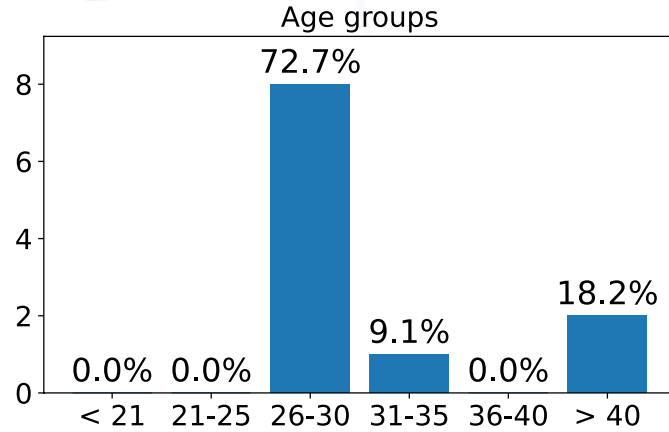
Who are you?

*based on 23 answers



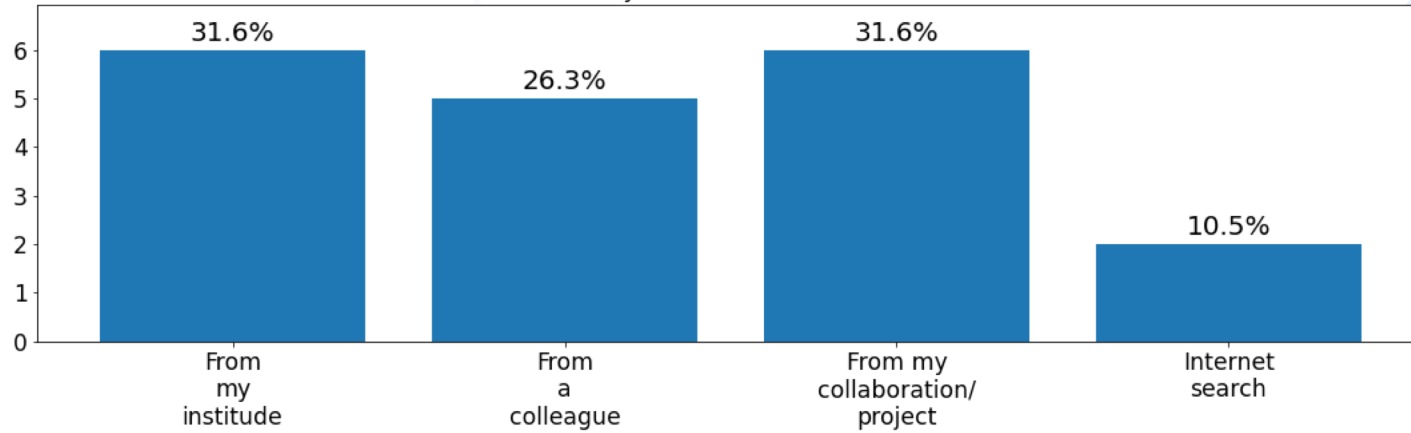
Some demographics

- country
- France
 - Germany
 - Italy
 - Netherlands
 - United Kingdom
 - Croatia
 - South Africa
 - United States

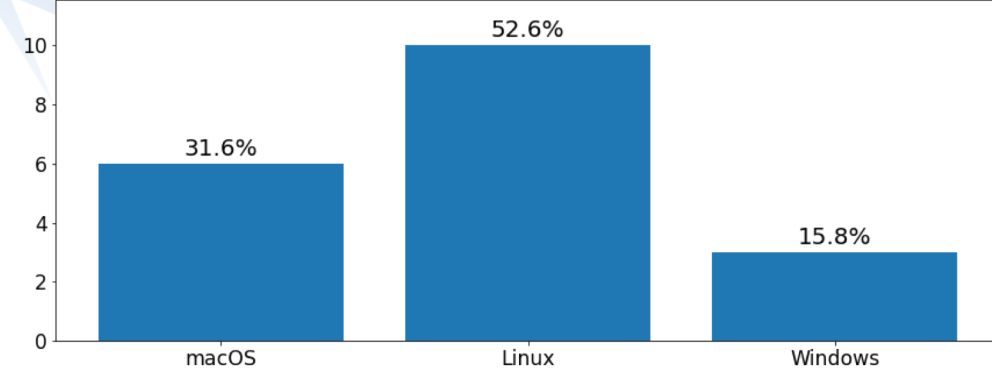


Interest in the school

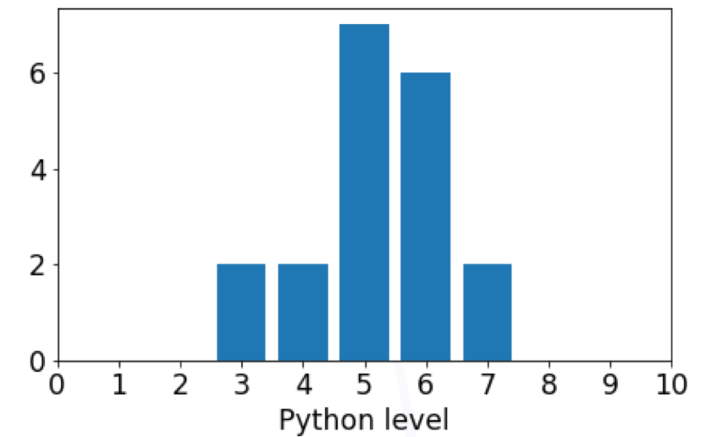
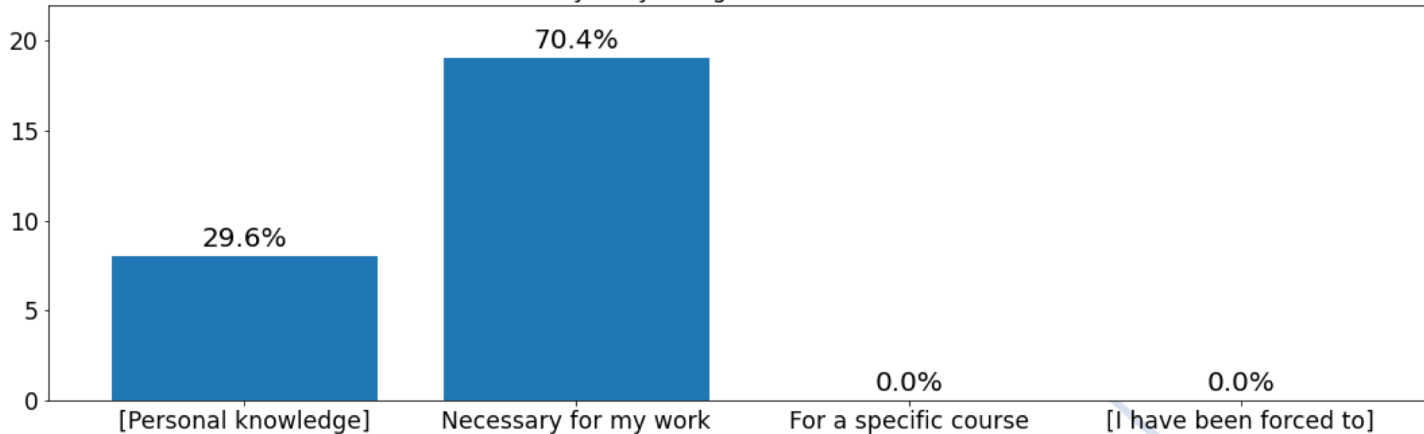
How did you hear about the school?



Your operating system



Why did you register at the school?



More on the organisation of the school itself



● School entry point

● Main information about the school, organization, agenda, tutors...



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LAPP

ESCAPE Data Science School 2022

19-24 Jun 2022
LAPP
Europe/Paris timezone

Enter your search term

Overview

Scientific Programme

Timetable

Accommodation

Speakers

Venue

Registrations

Registrations:

Registrations to the school are open **from May 2nd to May 23st on a first arrived, first served basis** with 51 seats for external participants. Note that this year's edition is on-site (LAPP, Annecy, France) only and won't be broadcasted live. Registration fees do not include travel costs.

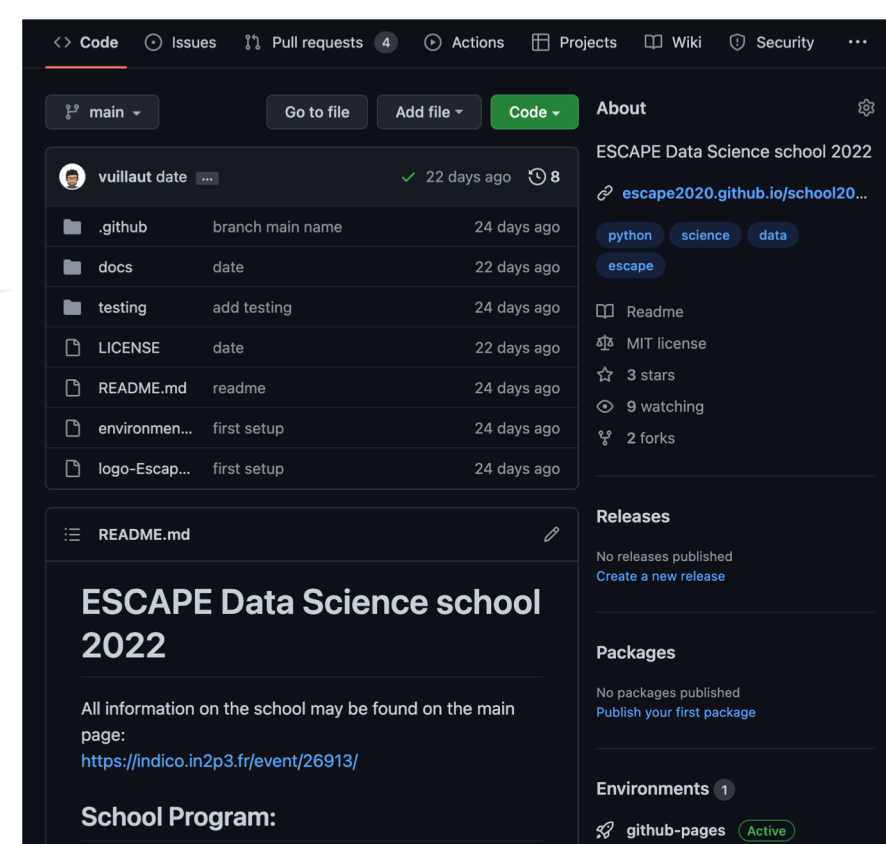
More information regarding the school organization will be sent to participants after the registration deadline.

School Program: the program of the school is devoted to project development for astrophysics, astroparticle physics & particle physics. The aim of the school is to provide theoretical and hands-on

<https://indico.in2p3.fr/event/26913/>



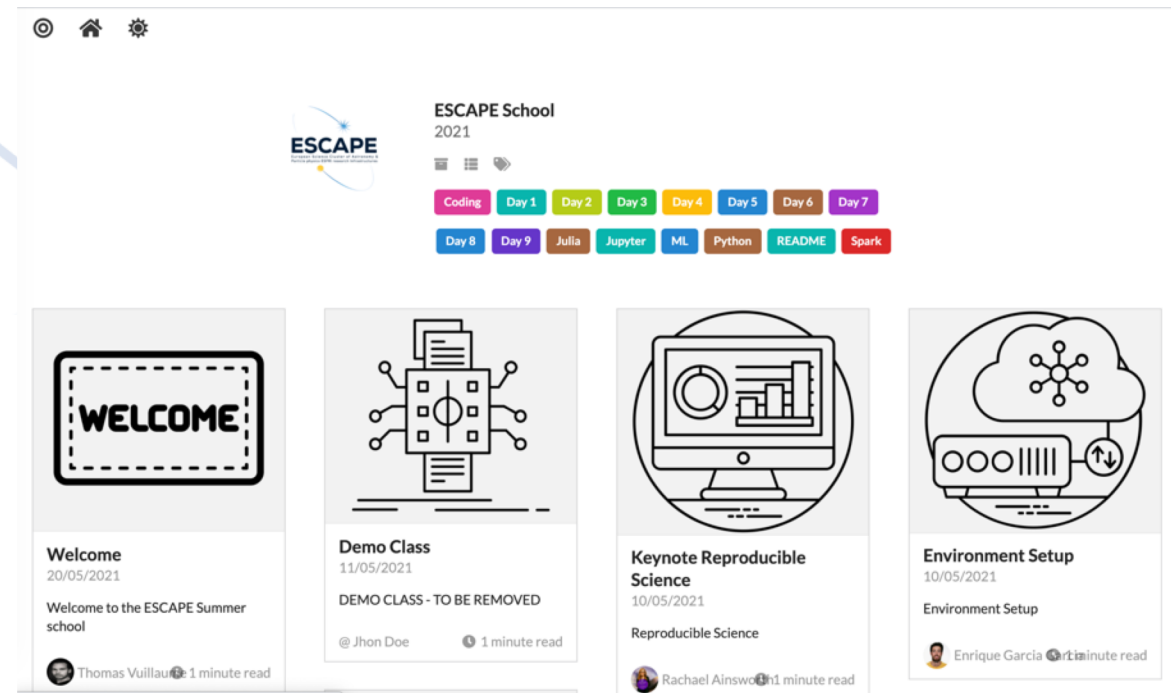
- <https://github.com/escape2020/school2022>
- Installation instructions
- Material for the lectures
- Will be updated during the school
- Learn how to use it during the git lecture



Lectures portal

- One page per lecture with all the information summarized
 - path to material
 - slides

- Open and accessible during and after the school

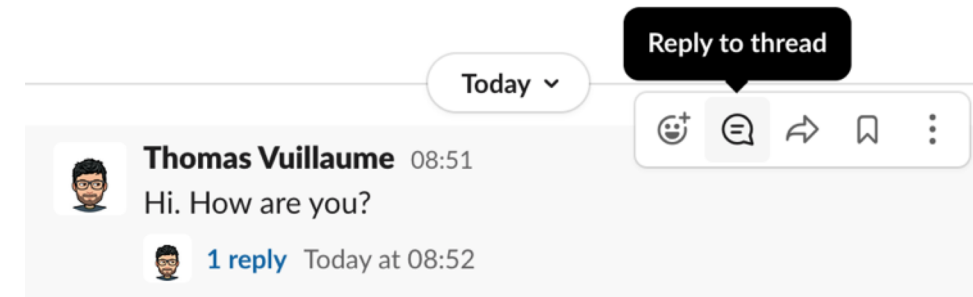
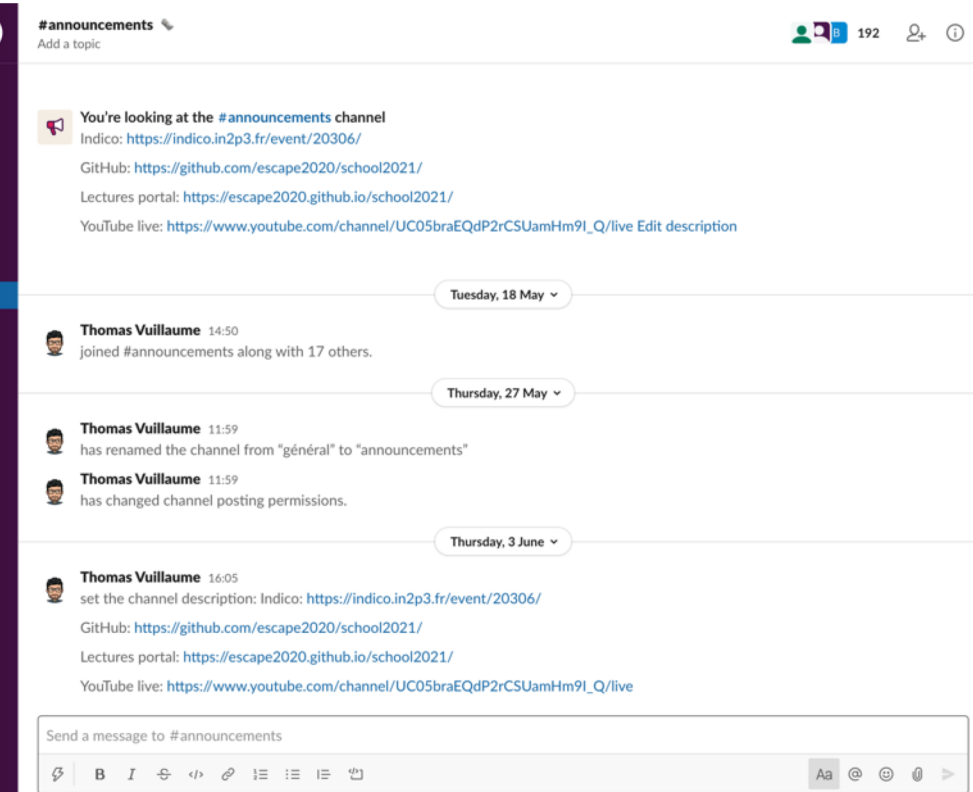
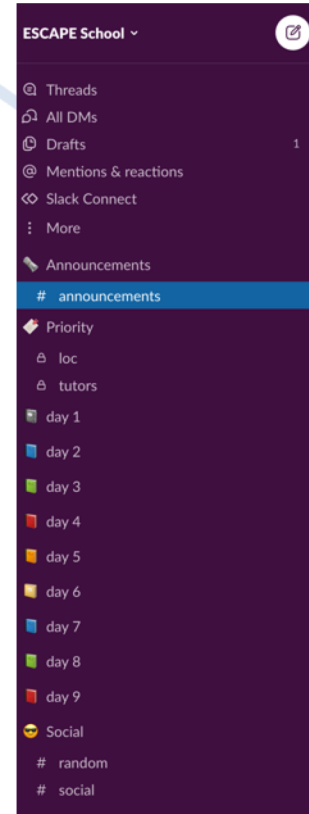


<https://escape2020.github.io/school2022/>



<https://edass2022.slack.com/>

- By invitation only
- Main communication tool during the school
 - Watch for announcements!
- Ask questions
- Direct message other participants and tutors
- Open new channels with fellow participants on specific topics (related to the school or not)
 - See #extra-activities and #random
- Use threads to keep conversation organised



Having questions or issues?

Participate !

Don't be shy and don't hesitate to intervene during the courses.

The school should be interactive.

Questions about the courses?

- Raise your hand 🙋
- Ask in the #general slack channel 💻

Technical issues ?

- Raise your hand 🙋
- Ask in the #issues slack channel 💻

Anything else

- Come see us or write to escapeschool2022@lapp.in2p3.fr



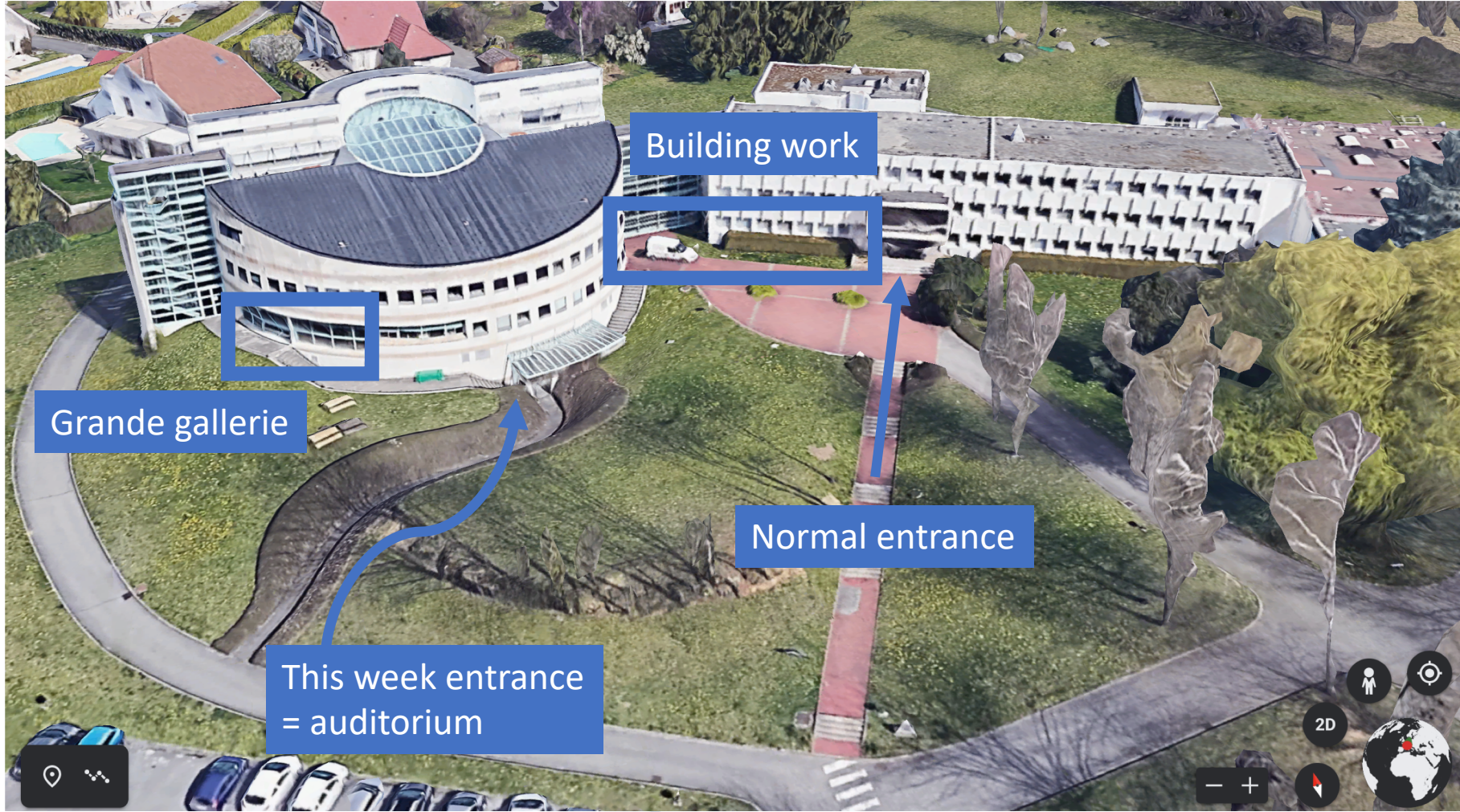
School programme

- Coding environment, jupyter notebooks
- Version control, continuous development and integration
- Scientific Python libraries and workflows
- Profiling, debugging and optimising
- Machine learning

See the complete agenda at <https://indico.in2p3.fr/event/26913/timetable/>

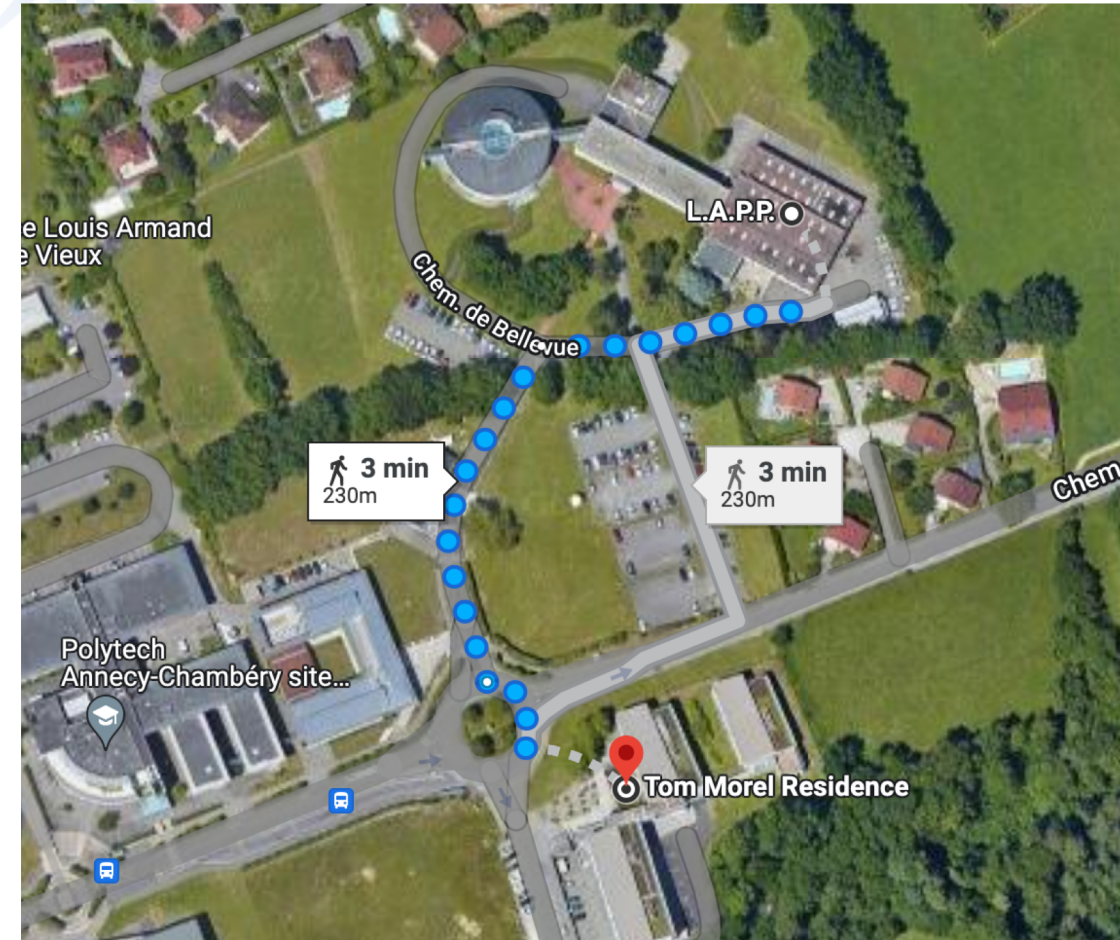


Building



Lunch breaks

- Tom morel university restaurant
- On the other side of the round about
- Leaving LAPP at 12:30 everyday
- Wear your badge



Social events



Welcome cocktail

- today, 17:00, *Grande galerie*
- In parallel, visit of EUTOPIA.
- A few researchers from LAPP will present their work in small discussion groups.



Fête de la musique (Make music day)

- National festival
- Everywhere in the city center, music bands
- See <https://www.annecy.fr/311-fete-de-la-musique.htm>

Some free time

- Wednesday, after 15:30
- <https://indico.in2p3.fr/event/26913/page/3040-activities>



Social diner

- Wednesday, 20:00 (don't be late, unless you are a very good swimmer...)
- Restaurant-boat Le Libellule, Quai Napoléon III, Annecy
- <https://g.page/libellule-annecy?share>



Getting around

- Jean XXIII – LAPP = 5min walk
- City center - LAPP
 - Bus, line 1
 - Buy tickets from the driver with cash
 - tixiPASS app
 - <https://play.google.com/store/apps/details?id=com.is.android.instantanecy>
 - <https://itunes.apple.com/fr/app/sibra/id1047139539?l=fr&ls=1&mt=8>
 - Google maps also handles well the bus lines
- Electrical bikes
 - First 30 minutes free
 - <http://velonecy.com/fr/velonecy-60-minutes-le-service-de-location-de-velo-courte-duree>
 - No english version ?





Happy learning and have fun!