

# FCC Physics Workshop 2024



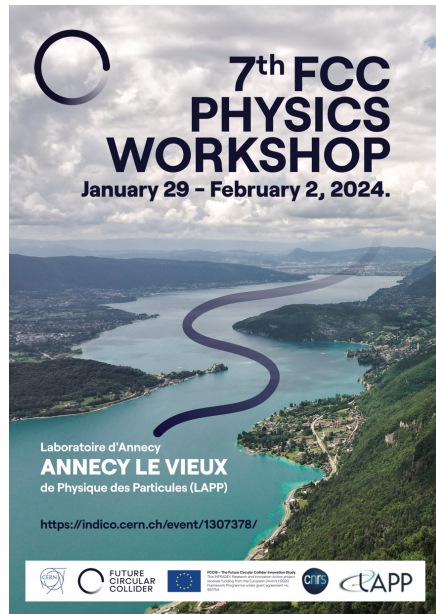
Laboratoire d'Annecy de Physique des Particules

*Marco Delmastro*



# Registration opened since Monday November 6<sup>th</sup>

- <https://indico.cern.ch/event/1307378/>
- Closing date: December 15, 2023

A screenshot of a web browser showing the Indico event page for the 7th FCC Physics Workshop. The browser's address bar shows "indico.cern.ch". The page header includes navigation links like "GDrive", "ATLAS", "CERN", "LAPP", "Higgs WG", "Higgs Analysis Status", "EGamma", "LHCHWG", "CDS", "arXiv", "Feedly", "PRONOTE", and "News". The main content area has a large banner with the workshop title and dates. Below the banner, there is a search bar and a list of menu items. The main text area contains a welcome message and details about the workshop schedule and registration. A sidebar on the left lists various menu items. At the bottom, there is a note about opening a new tab for the event page.

Laboratoire d'Annecy  
**ANNECY LE VIEUX**  
de Physique des Particules (LAPP)

<https://indico.cern.ch/event/1307378/>

**7th FCC PHYSICS WORKSHOP**

January 29 - February 2, 2024.

**7th FCC Physics Workshop**

29 January 2024 to 2 February 2024  
Laboratoire d'Annecy de physique des particules  
Europe/Paris timezone

Enter your search term

Overview

- Program at a glance
- Timetable
- Session conveners
- Registration
- Participant List
- Payment of fee
- Venue and transportations

Welcome to the 7th FCC Physics workshop in [LAPP Annecy](#).

The workshop will take place from Monday January 29 to Friday February 2, 2024. Sessions will start on Monday at 14:00 and will end on Friday at 12:30, a preliminary overview of the program is found [here](#). Lunches will be offered both on Monday before the beginning of the sessions and on Friday after the workshop ends. The workshop agenda is growing [here](#). If you wish to give a talk, please get in touch with one of the [conveners](#).

7th FCC PHYSICS WORKSHOP  
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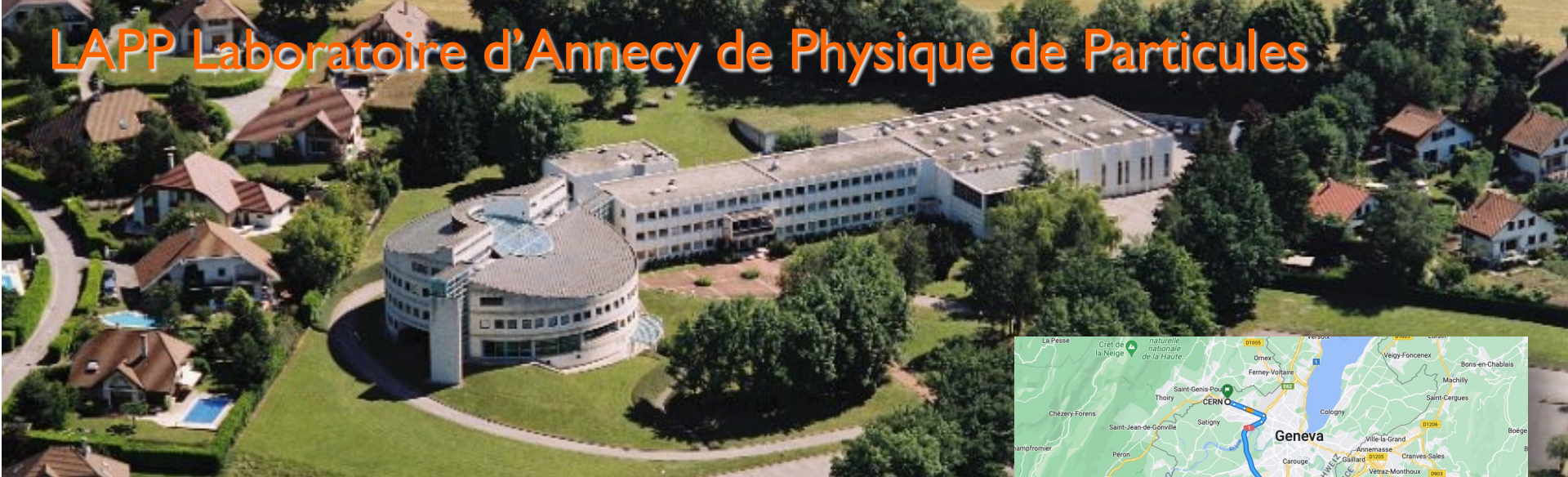
Open "https://indico.cern.ch/event/1307378/" in a new tab behind the current one

# Preliminary program

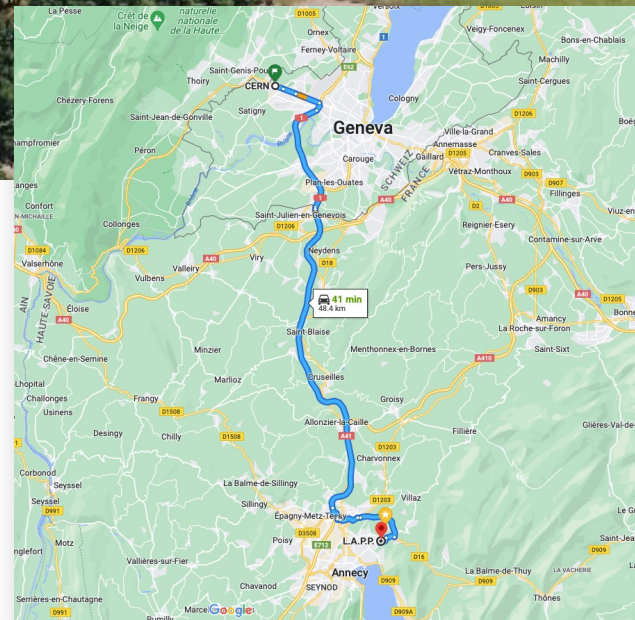
Annecy FCC Physics Workshop: Jan. 29-Feb. 2, 2024					
	Monday 29.01	Tuesday 30.01	Wednesday 31.01	Thursday 01.02	Friday 02.02
9:00-10:30	Arrival at LAPP Registration	Phys. Prog. (Big picture, cosmo, interplay) Jt Dectector & MDI SW	MDI SW Jt Phys. Perf. & Detectors (figure of merits)	SW Jt Phys. Perf. & Detectors (alignment/calibration)	Summaries/Highlights
10:30-11:00		Coffee break	Coffee break	Coffee break	Coffee break
11:00-12:30		Phys. Prog. & Perf. (BSM) Detectors (Calorimeters and PID) SW	Phys. Prog. & Perf. (QCD+Flavour) Jt Detectors/SW MDI	Phys. Prog. & Perf. (Higgs/EW) EPOL SW	Next steps
12:30-14:00	Lunch	Lunch	Lunch	Lunch	Lunch
14:00-15:30	General FCC meeting General status of feasibiltiy study ECFA	Precision challenges	Precision challenges	Precision challenges	Departure from LAPP
15:30-16:00	Coffee break	Coffee break	Coffee break	Coffee break	
16:00-17:30	Status of PED feasibility study	Precision challenges	Precision challenges	Precision challenges	
17:30-18:30 could be extended till 19:00	IFNC	Phys. Perf.	Detectors (Tracking and Vertexing) MDI	Detectors (Electronics, trigger and DAQ) EPOL	
19:30-22:30	Welcome reception			Workshop Dinner	



# LAPP Laboratoire d'Annecy de Physique de Particules



- **LAPP** is a *Unité Mixte de Recherche* of the French CNRS/IN2P3 close to the Annecy **USMB** University campus, hosting about 140 staff including researchers (permanents, postdocs and PhDs), engineers and technicians
  - ✓ LAPP is located about **40 km from CERN** and on the **outskirts of Annecy**
  - ✓ LAPP hosts several experimental activities (ATLAS, LHCb, VIRGO, SuperNemo, STEREO, DUNE, CTA, LSST, ...) and a theory lab (**LAPTh**)
  - ✓ **LAPP hosts an active FCC “Accelerator” group, and some FCC “physics” activities (EW, Higgs)**



# Local facilities for the workshop

Main Auditorium

- Some assumptions
  - ✓ O(100) attendees (in line with Crakow's attendance)
  - ✓ Full week (5 days) with travel time on Monday morning and Friday afternoon
  - ✓ Both plenary session and 2 parallel sessions as requested
- LAPP Main Auditorium: can contain up to **211 people**
  - ✓ Equipped with a slide projector and PA system
  - ✓ No dedicated videoconference system, but a connection can be arranged with a PC connected to the PA system
- Other rooms for parallel sessions with smaller occupancy ratings reserved for parallel sessions
  - Petit Amphi: 54 people
  - Salle des Sommets: 34 people
  - Salle des Fourmis: 16 people
- Eduroam wifi connection in all lab



Petit Amphi



# Lunches, breaks, fee

- Coffee breaks

- ✓ They will be hosted in the lab “Grand Galerie”, just above the Auditorium

- Lunches

- ✓ The lab itself can only host up to 100 people for meals
- ✓ If the number of attendees is larger and more in the 200 ballpark, we have access to a large room at the nearby Centre Jean XIII, that can host a “standing buffet” for 220 people or a “sitting lunch” for 130 people. This location is ~10 minutes walk from the lab

- Fee

- ✓ 300 EUR (5 lunches) including social dinner in downtown Annecy
  - Some support for students foreseen



*Parties in the Grand Galerie, where coffee breaks will be served*

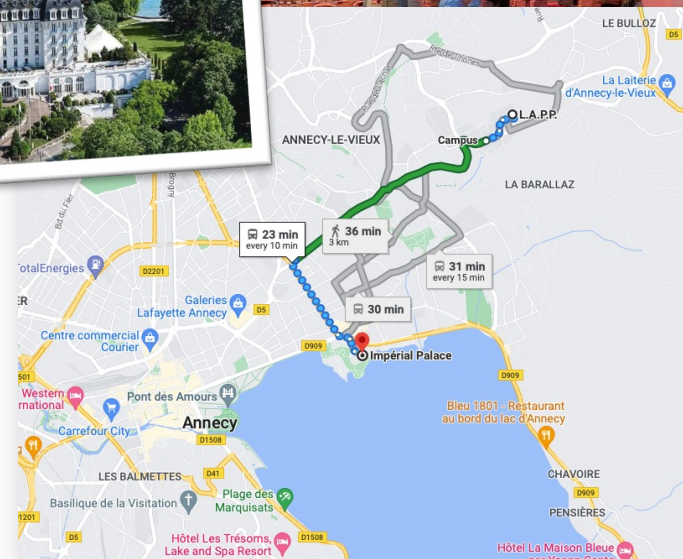


*Path to Centre Jean XIII, where lunches will be served*

**Annecy**

The main image is a night scene of the Annecy Canal, showing a row of colorful buildings with red shutters and balconies. The canal reflects the lights of the buildings and the street. In the background, mountains are visible under a dark sky. An inset image shows a large white hotel building on the shore of Lake Annecy during the day, with mountains in the background. Another inset image shows a street scene with a restaurant and a map of the area.

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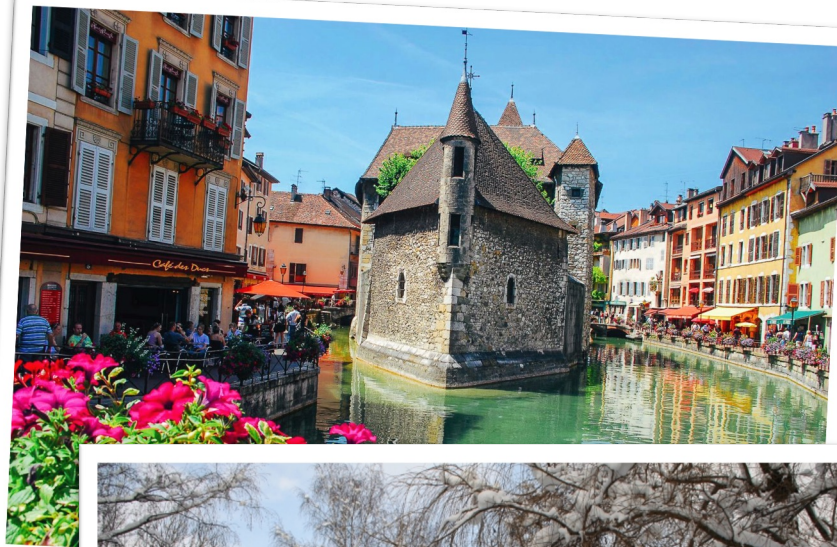
# Transport and weather

- **Transports to and from Annecy/LAPP**

- ✓ By car: 40' drive from CERN
- ✓ By plane: via Geneva airport
  - Common transports (buses for groups from/to CERN and/or airport on Monday and Friday) be organized and included in the fee) will be organized if enough requests, included in fee;
  - Taxis for single and grouped rides could be arranged beforehand if requested
- ✓ By train: Annecy is well connected, e.g. 3h45 TGV from Paris
  - Annecy center → LAPP: ~25' by public transport

- **Dates vs local weather**

- ✓ Dates: week of January 29, 2024
- ✓ It won't be that different to what one could expect at CERN in the same periods...
  - Cold, rain, possibly snow...





# Logistic

- Local organizers

- ✓ MD as local contact and responsible for the organization
- ✓ Corinne Feullar (experiences administrative help, specialize in local event organization)
- ✓ Giovanni Lamanna (LAPP director) ex-officio

- Finance handling

- ✓ **Registration and fee payment via CERN / [Indico](#)** (like for FCC Week 2023 in London) to avoid passing by French bureaucracy