LAPP
Laboratoire d'Annecy de Physique des Particules

# Welcome

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cnrs

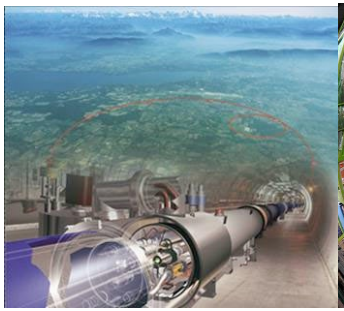
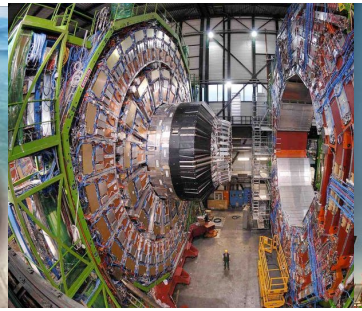
UNIVERSITÉ SAVOIE MONT BLANC

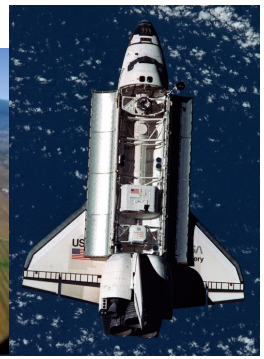
# Fundamental research in Annecy

LAPP was born **48 years ago** as a gateway-laboratory to CERN for French scientists.

Created in 1976, **LAPP** is a laboratory of the **CNRS** French National Institute for Nuclear and Particle Physics (**IN2P3**) and **USMB**.

**Particle and Astroparticle physics.**
Combination of the experimental investigations of the two infinities, from the largest-scale structures in the observable Universe to the most fundamental particles

# Fundamental research in Annecy

Today more than **150** researchers, engineers, technicians, administrative personnel, students..

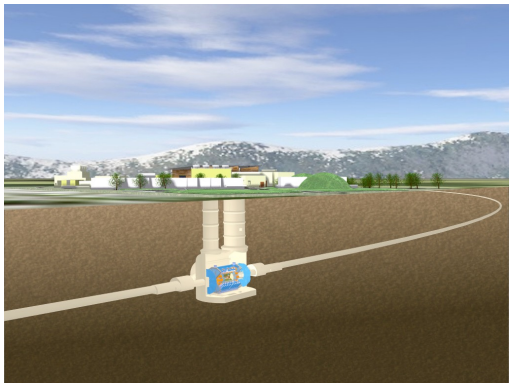
Frontier **technologies** in different fields:

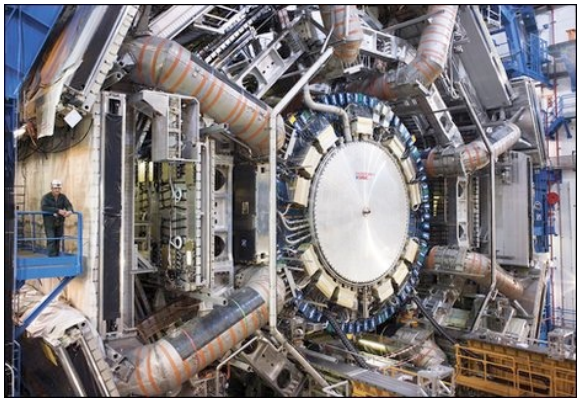
- mechanics,
- electronics,
- mechatronics,
- computer science,
- scientific and control software and e-infrastructures.

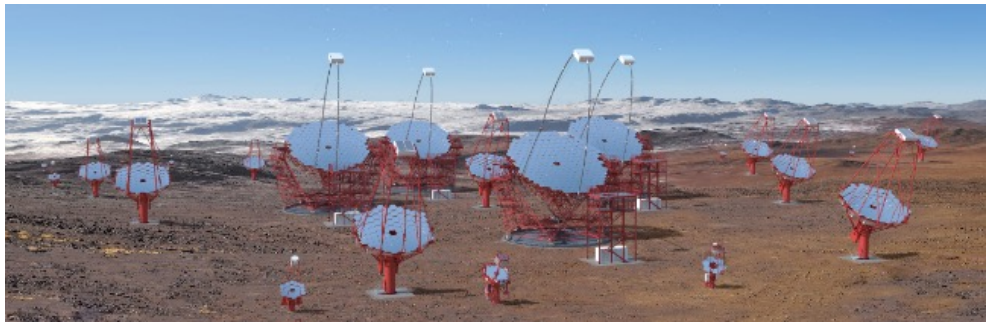
LAPP hosts a **Theory** Laboratory (LAPTh) within its premises.

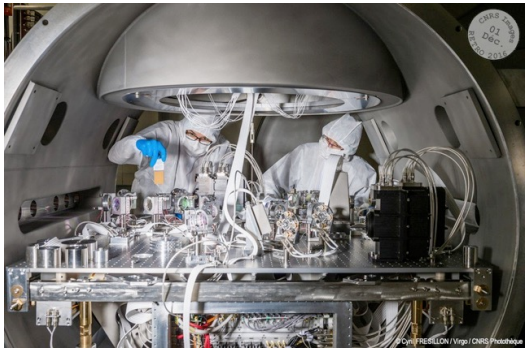
LAPP hosts the **MUST** multidisciplinary Data and Computing Centre (**WLCG Tier2/ ATLAS Nucleus, CTACG** and various projects).

# Our projects





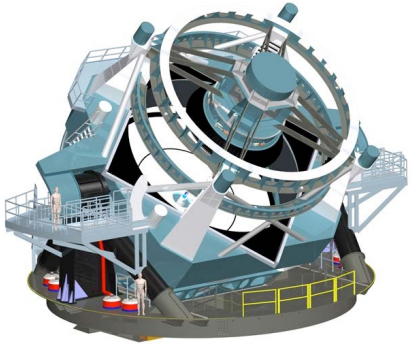


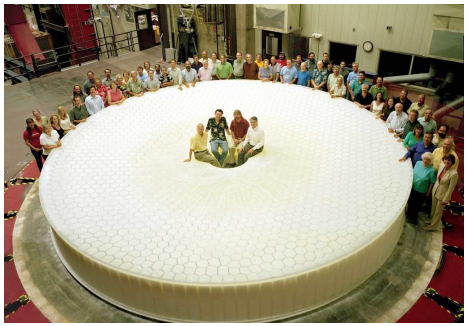


# Our projects

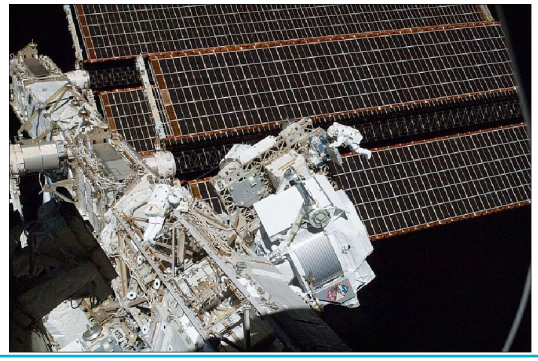
H.E.S.S.

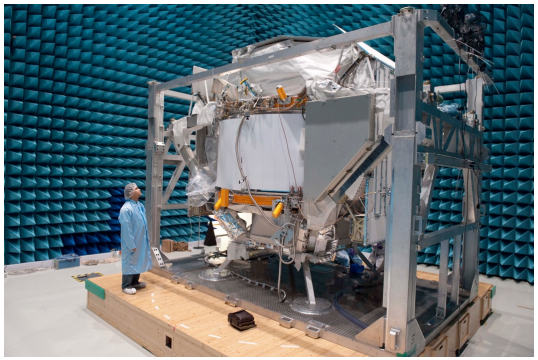
LSST Large Synoptic Survey Telescope





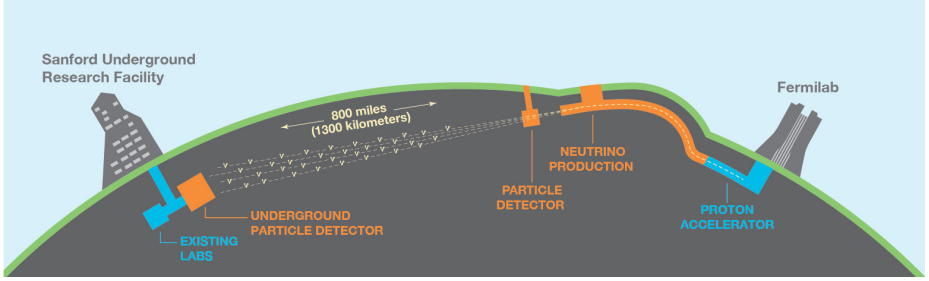
Alpha Magnetic Spectrometer AMS-02 Europe • Asia North America



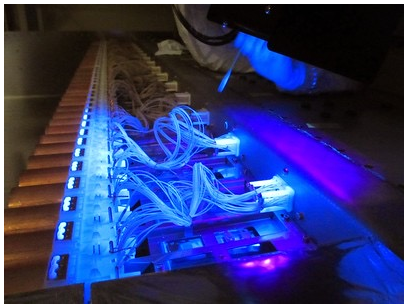


# Our projects

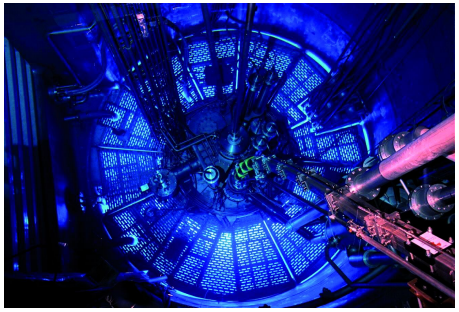
DUNE DEEP UNDERGROUND NEUTRINO EXPERIMENT

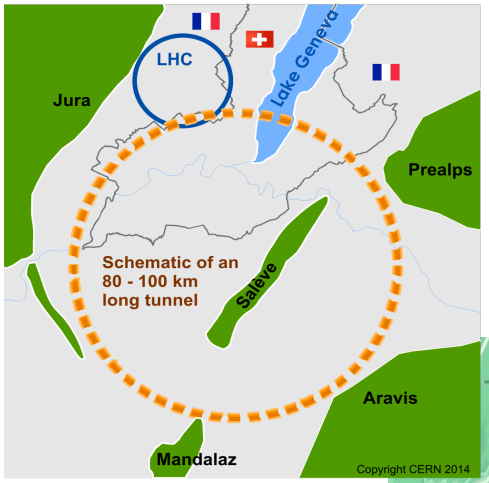


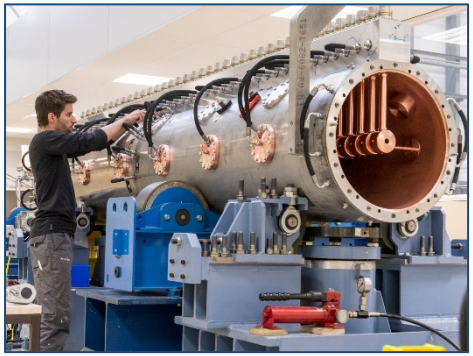

supernemo collaboration



STEREO

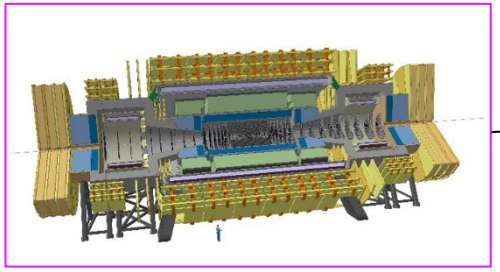


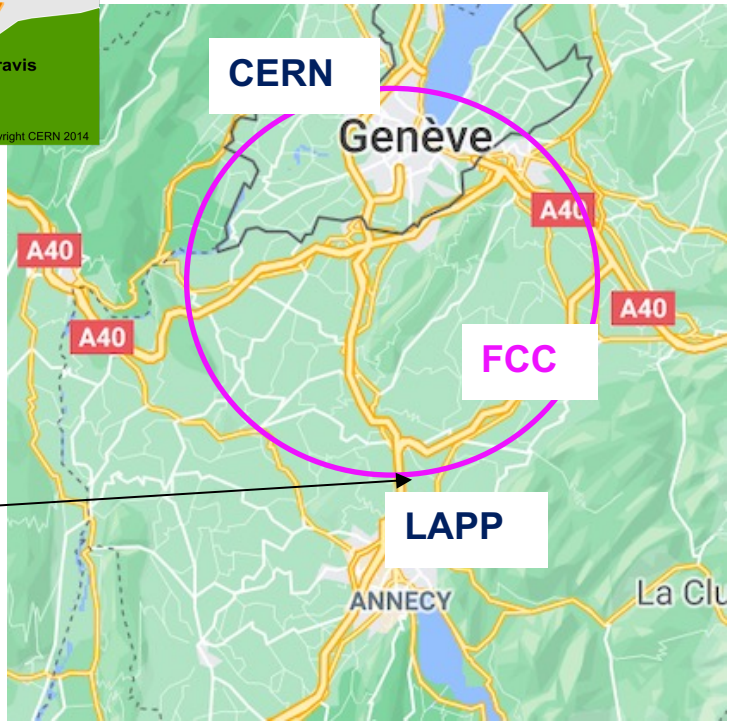


**FCC – Futur Circular Collider**

« CERN in Annecy and in Haute Savoie »

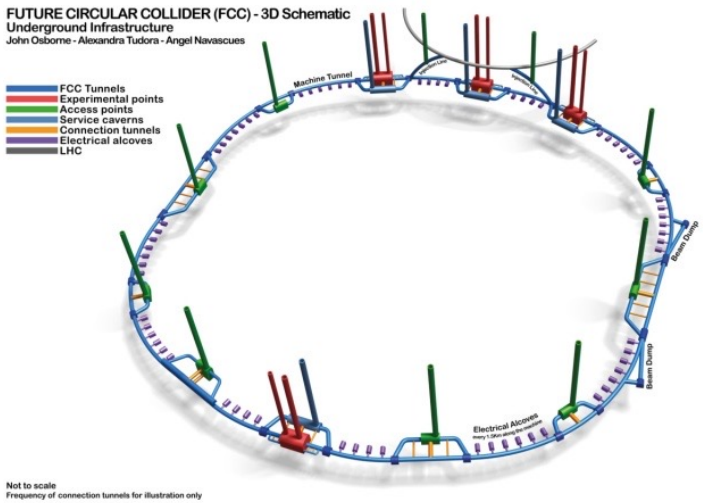




# FCC Innovation Study

FUTURE CIRCULAR COLLIDER

FCCIS – The Future Circular Collider Innovation Study.
This INFRADEV Research and Innovation Action project receives funding from the European Union's H2020 Framework Programme under grant agreement no. 951754.




**LAPP-CNRS** within the **H2020 FCCIS:**

- Connects the former CLIC accelerator R&D activities to WP2: MDI and stabilization
- Leads a task in WP4 concerning the territorial benefits identification
- Participates in the outreach actions within WP5

I wish you a fruitful workshop