



Laboratoire d'Anecy-le-Vieux  
de Physique des Particules



# Welcome at LAPP

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Workshop FJPPL'10



**In2p3**

# LAPP history

1976



**1976:** Lapp was founded by physicists from Paris and Orsay wishing to live closer to **CERN**.

*Most experiments at CERN (one at the Bugey Nuclear power)*

1984



1992



**2010:**

- Still many experiments at **CERN (LHC)**
- New field of astroparticles: gravitational waves, high energy cosmic rays, search for anti-matter

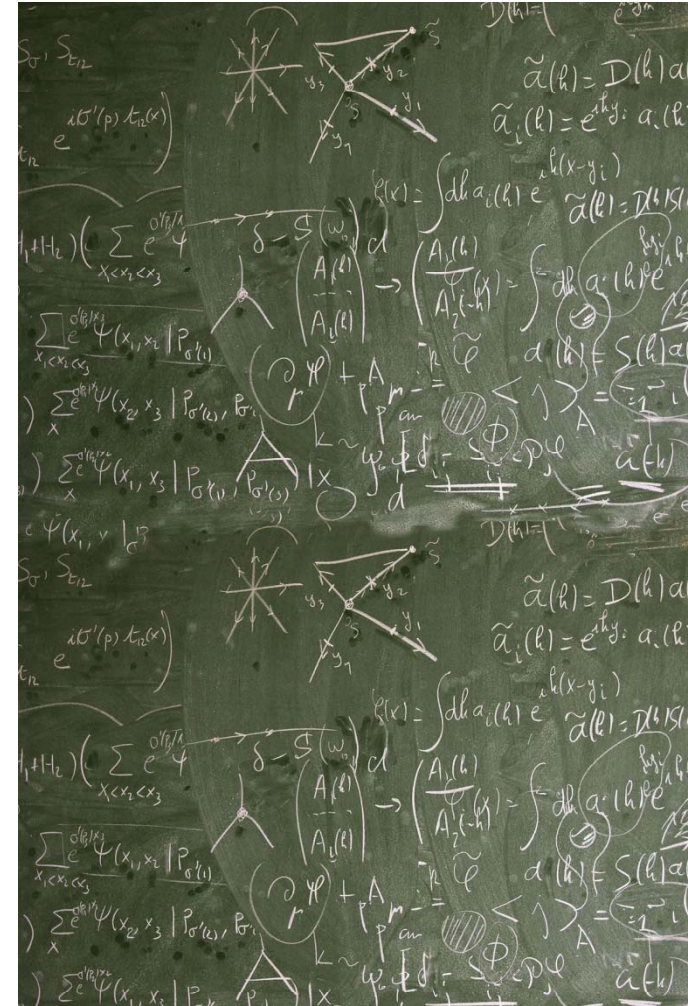
*Many experiments or R&D in far away places: Italy (OPERA, VIRGO), California (BABAR), Namibia (HESS), Japan (ATF2), international space station (AMS).*

# LAPP in a nutshell

- 62 physicists (32 CNRS/IN2P3, 9 university, 11 graduate students et ~10 postdocs.)
- 81 engineers, technicians and administrative staff, with skills in mechanics, automatics, electronics, data acquisition, off-line software...
- Computing node [MUST] opened on the grid (Tier 2 for LHC)
- 7 experiments and several R&D
  - Particle physics @ accelerators: ATLAS, LHCb, BaBar
  - Astro-particles and neutrino physics: HESS, VIRGO, AMS, OPERA
  - R&D: LC detectors (micromegas chambers), magnet stabilization for future accelerators, (LAVISTA/ATF2), instrumentation for accelerators (CTF3), ...



- LAPP also hosts a large [ $\sim 26$  researchers] theoretical physics group, **LAPTh**
- Together, the two labs have created **CIPHEA**, which invites every year foreign experimentalist and theorists working in the field of LHC physics, dark matter, etc..  
(~10 visitors / Yr)





Have a Nice Meeting!