

WELCOME

to the Physics Section
of the University of Geneva

Prof. Giuseppe Iacobucci

Physics Section of UNIGE

36 professors with their research groups

~250 students (Bachelor+Master), >100 PhD students, >50 post-docs

Aims at excellence in education and research

Shanghai ranking 2018 for Physics:

University of Geneva:

- **41st** in the world (over 40'000 Universities)
- **16th** in Europe
- **2nd** in Switzerland

Source: <http://www.shanghairanking.com/Shanghairanking-Subject-Rankings/physics.html>

Physics Section of UNIGE

A broad spectrum of competence in research:

- Department of **Theoretical Physics**
- Department of **Quantum Matter Physics**
- Department of **Particle and Nuclear Physics**
- Department of **Applied Physics**

- and the Department of **Astronomy**

Fundamental & applied Research

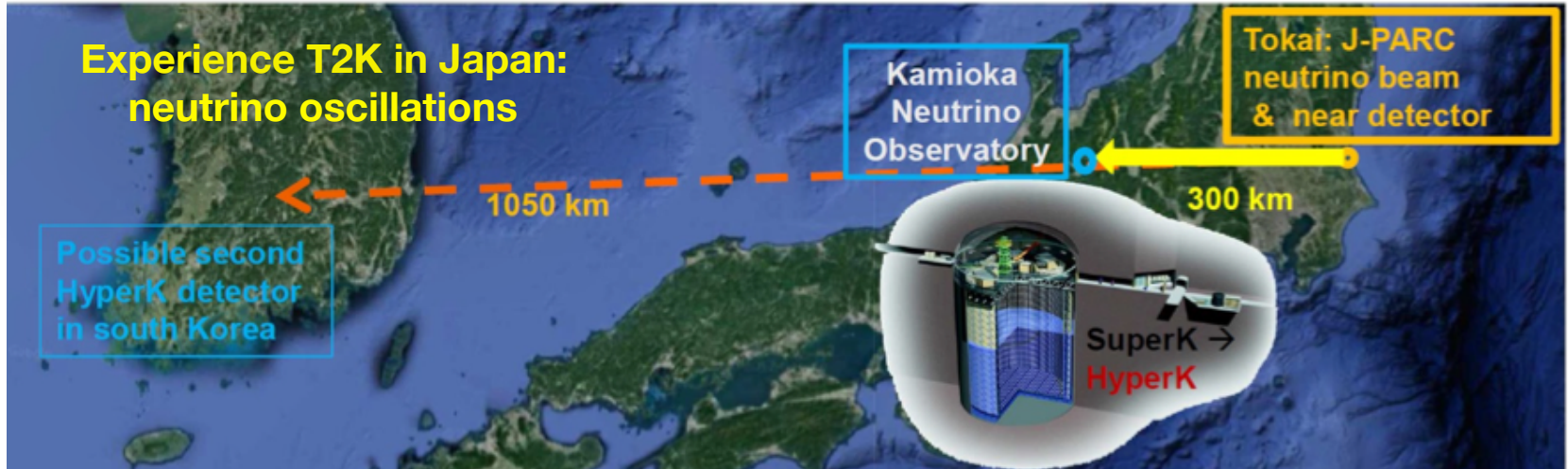
Département de Physique Nucléaire et Corpusculaire (DPNC)

- 10 Professors (3 Full, 3 Assoc., 2 Assist., 2 Prof. Titulaires)
- 3 research lines: LHC, neutrinos, astro-particles (space and ground)
 - Recently: Medical Physics (with **CERN** and **HUG**)
- Approximately 75 members (20 postdocs, 26 Phd students)
- Very strong electronics and mechanics groups

- Important collaborations with

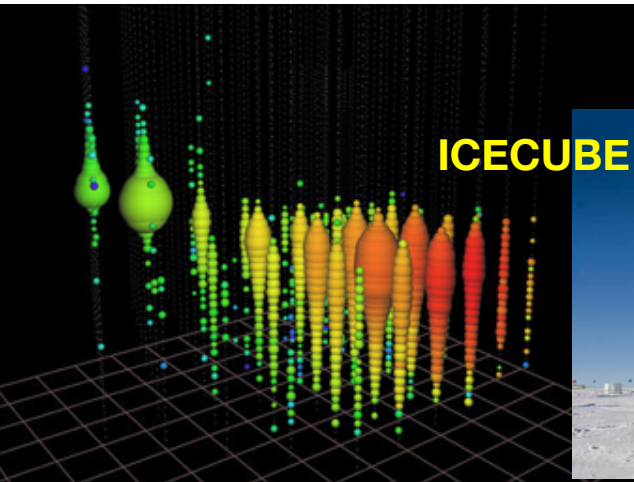


Research activities at the DPNC

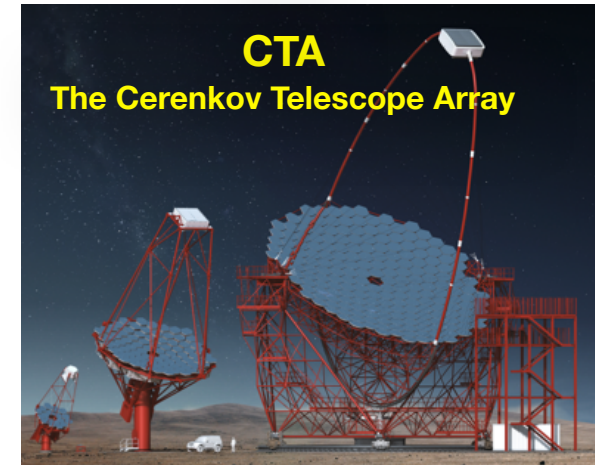


Research activities at the DPNC

Astro-particle physics experiments:
on ground



ICECUBE au pôle sud



CTA
The Cerenkov Telescope Array

and on the space



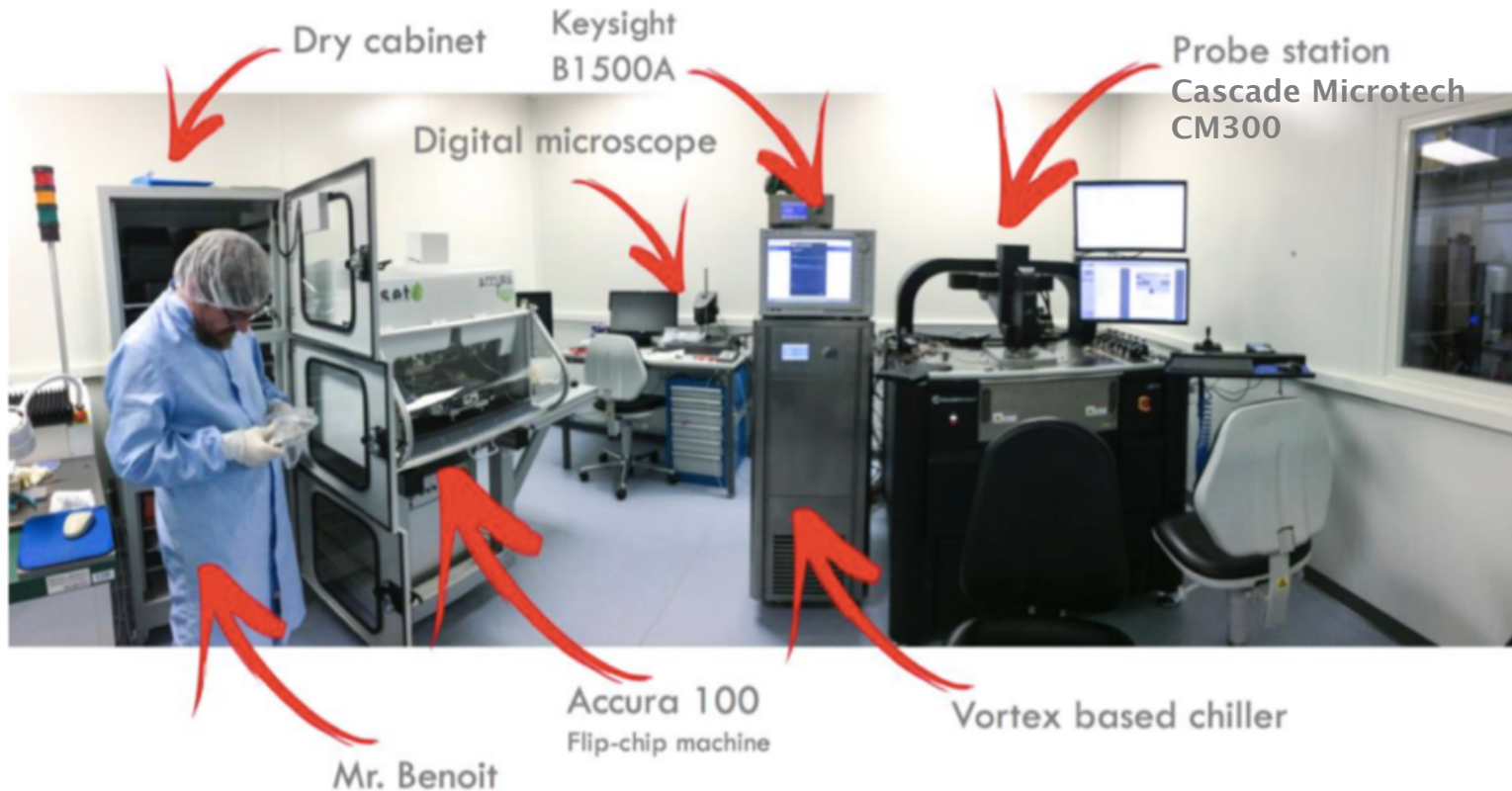
AMS
détecteur sur la Station Spatiale
Internationale



Expérience DAMPE
sur satellite



Silicon lab infrastructure at the DPNC



CMOS monolithic pixels developed for ATLAS and medical physics

Enjoy the meeting and the visit !