Outreach activities in Geneva
O. Gaumer

GENÈVE
PHYSISCOPE

ZOOM AVANT
SUR LA PHYSIQUE
DE DEMAIN

UNIVERSITÉ
DE GENÈVE
FACULTÉ DES SCIENCES
Section de physique

MaNEP
SWITZERLAND

In 2010

- **Masterclasses in particle physics**
    - **22 participants**
- **Many public talk about particle physics in High school**
- **Nuit de la Science : 2 days of animation at the museum of science history**
    - **100 m2 stand for physics**

In 2010

- **« Dessine moi un physicien »**
  - **Acitivity for 8-11 years old kids about the scientist's job**
  - **How do they see physicist**
  - **Visits at cern and at Physiscope**

In 2010

Un physicien est quelqu'un qui fait des expériences.

Un physicien est quelqu'un qui fait des expériences avec des matériaux.
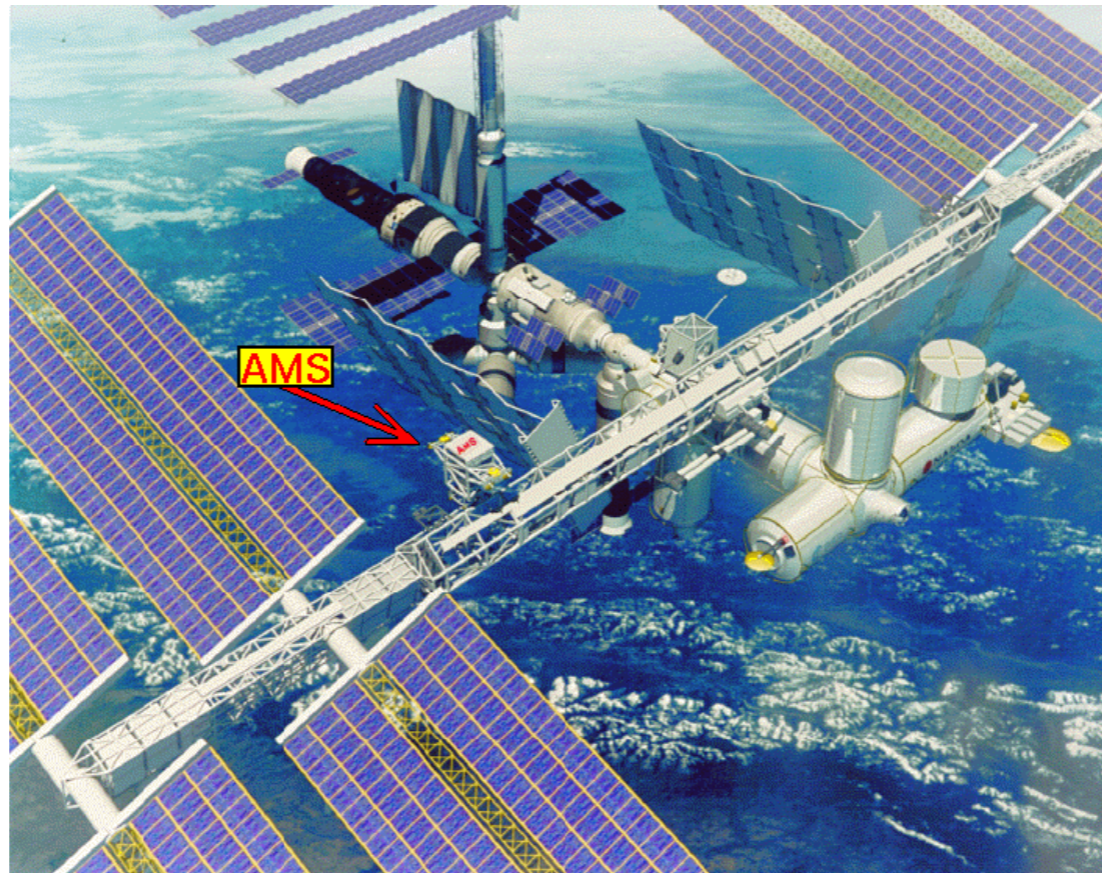
Anjara tenimanana

In 2011 - Superconductivity

- # 100th birthday of superconductivity
  - ## 7th april press conference with UniGE and CERN
  - ## 8th to 15th april open days at physiscope
  - ## During summer participation to the website « TSR decouverte », producing videos and experiments about superconductivity and its applications
  - ## Setpember the 17th : family day

In 2011 - AMS

AMS

AMS launch

- The 19th of april
- Live web TV show, collaboration with RTS
- General public (400 people at TV)
- Will cover launch, and installation of AMS
- Possibility for the other institute to get the webcast and translate it
- Support from CERN
- VIP delegation will go to Florida for the launch

In 2011 - Physiscope

- ## Every year new show, new topic
- ## This year a focus on superconductivity
- ## Always related to actual research
  - LHC and particle physics
  - Biophotonics
  - Superconductivity
  - …..
  - 5000 visitors up to now

In 2011 - EuroPhysicsFun

- **PhysiScope is now active in a European network**
- **Coordination of the network**
- **Wish to promote more modern physics**
- **400000 visitors per year arefollowing a show from the network**
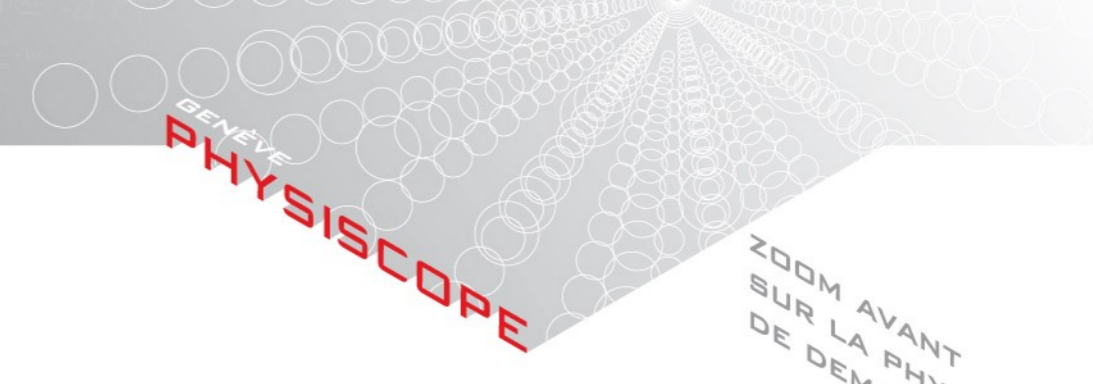- **Discussions with CERN for support**
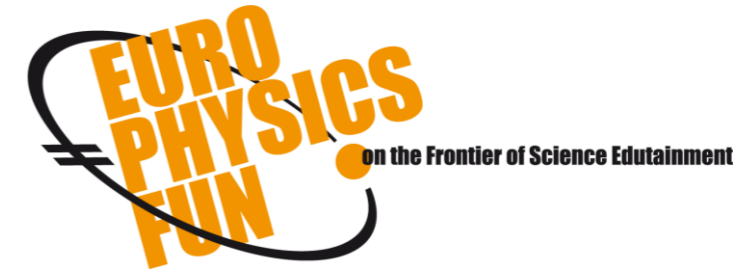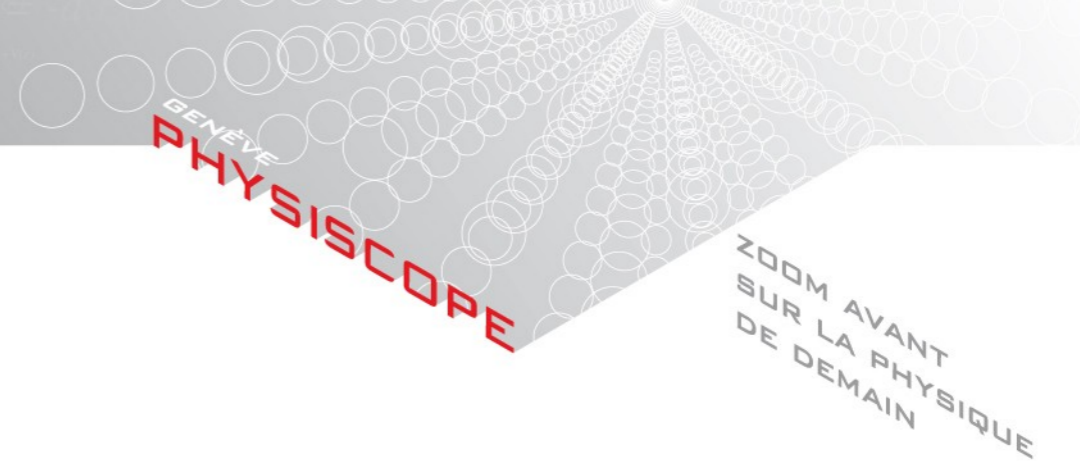
In 2011 - Dans la peau d'un Chercheur

- **Collaboration between CERN and PhysiScope**
  - **30 classes from France and swotzerland are participating (600 kids)**
  - **8-11 years old**

What is in the box???

What is in the box???

Olivier Gaumer - EuroPhysics Fun 2008

What is in the box???

- ## Steps :
  - ### They discover the box
  - ### Write some hypothesis about what is inside
  - ### Prepare an experimental protocol
  - ### Do the experiment
  - ### Write a paper (submitted for approval)
  - ### Prepare a conference :
    - 24th june, with Michel Spiro
    - Talk and posters