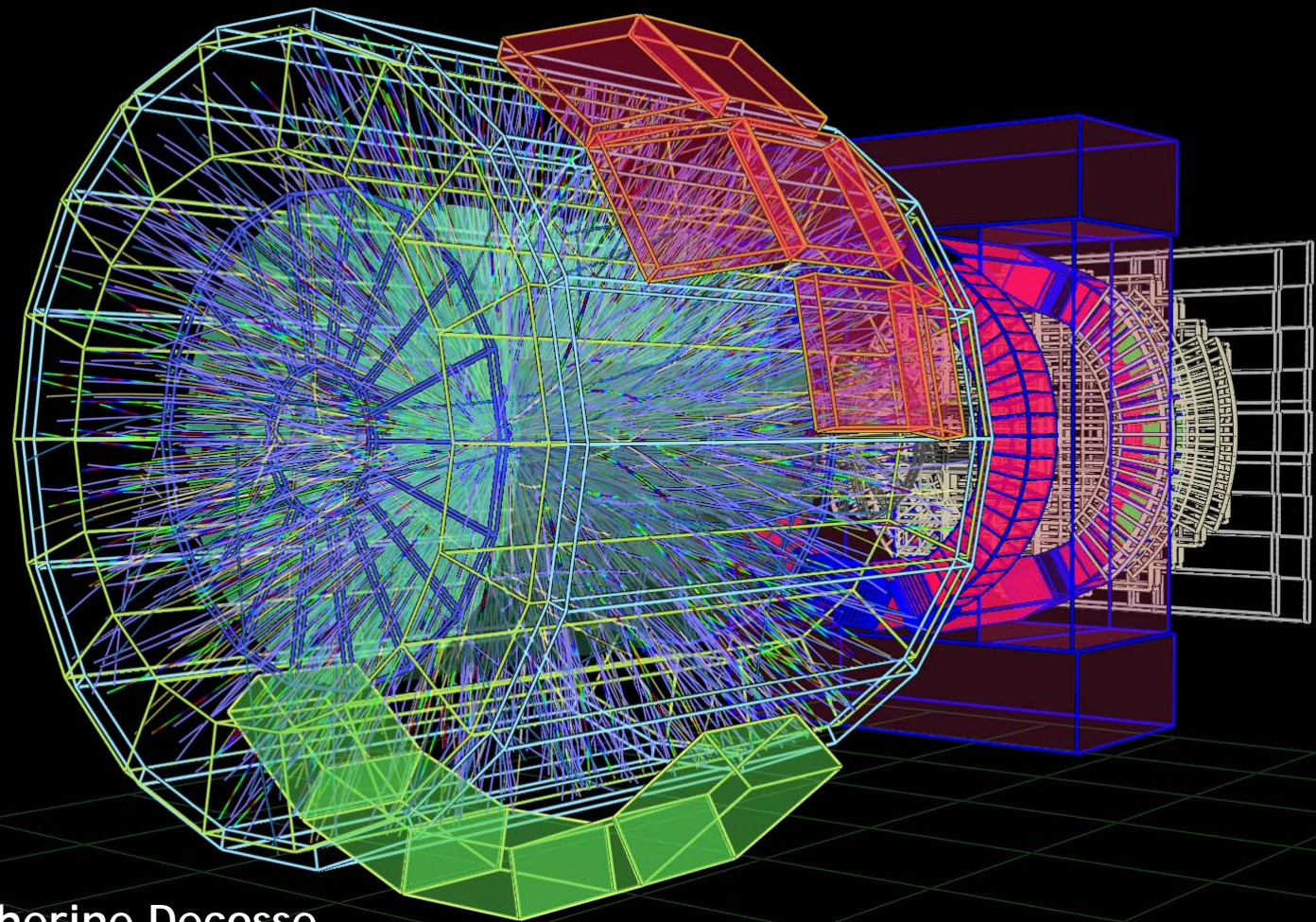


ALICE A Large Ion Collider Experiment

EPPOG

CERN October 2006



Catherine Decosse



- A. Saba photography
- 3-year school project "Following ALICE"
- Interactive data analysis display for schools
- Theatre play "Arlecchin and the colour of quarks"
- ALICE Video Clip for general public



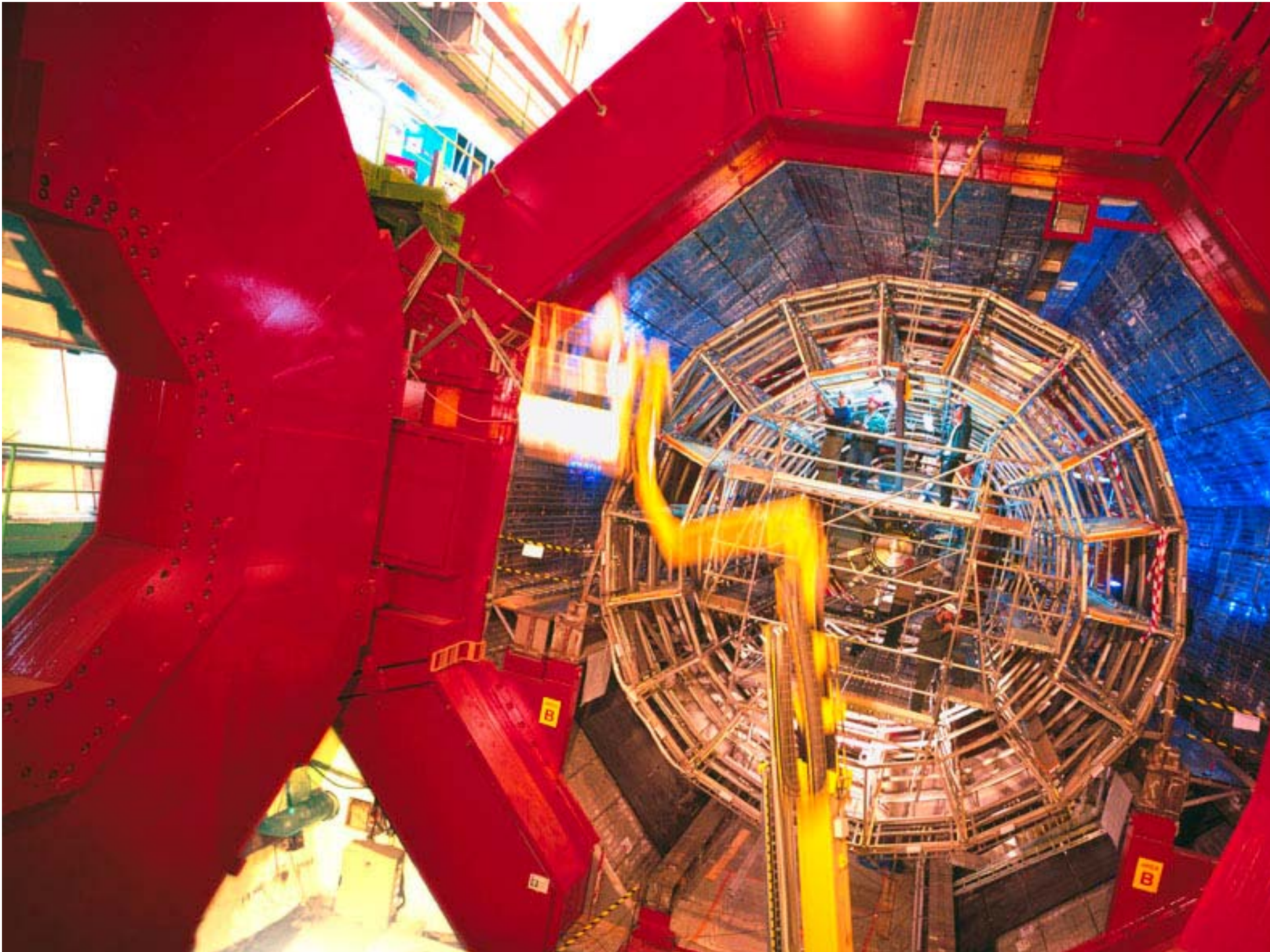
Antonio SABA

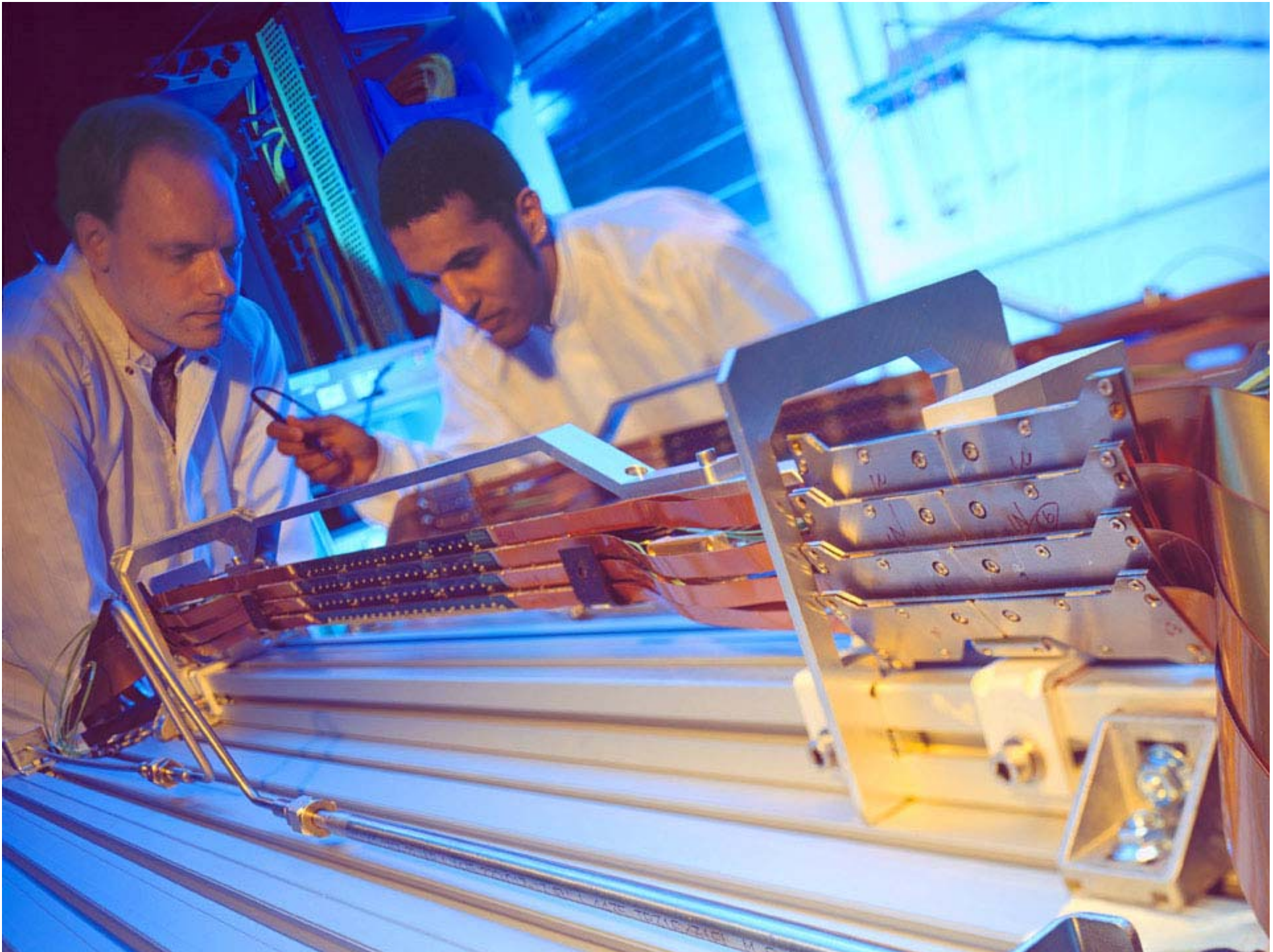
Photography

INFN (CA) for expo "La Bellezza della Fisica"

CERN/ALICE contract



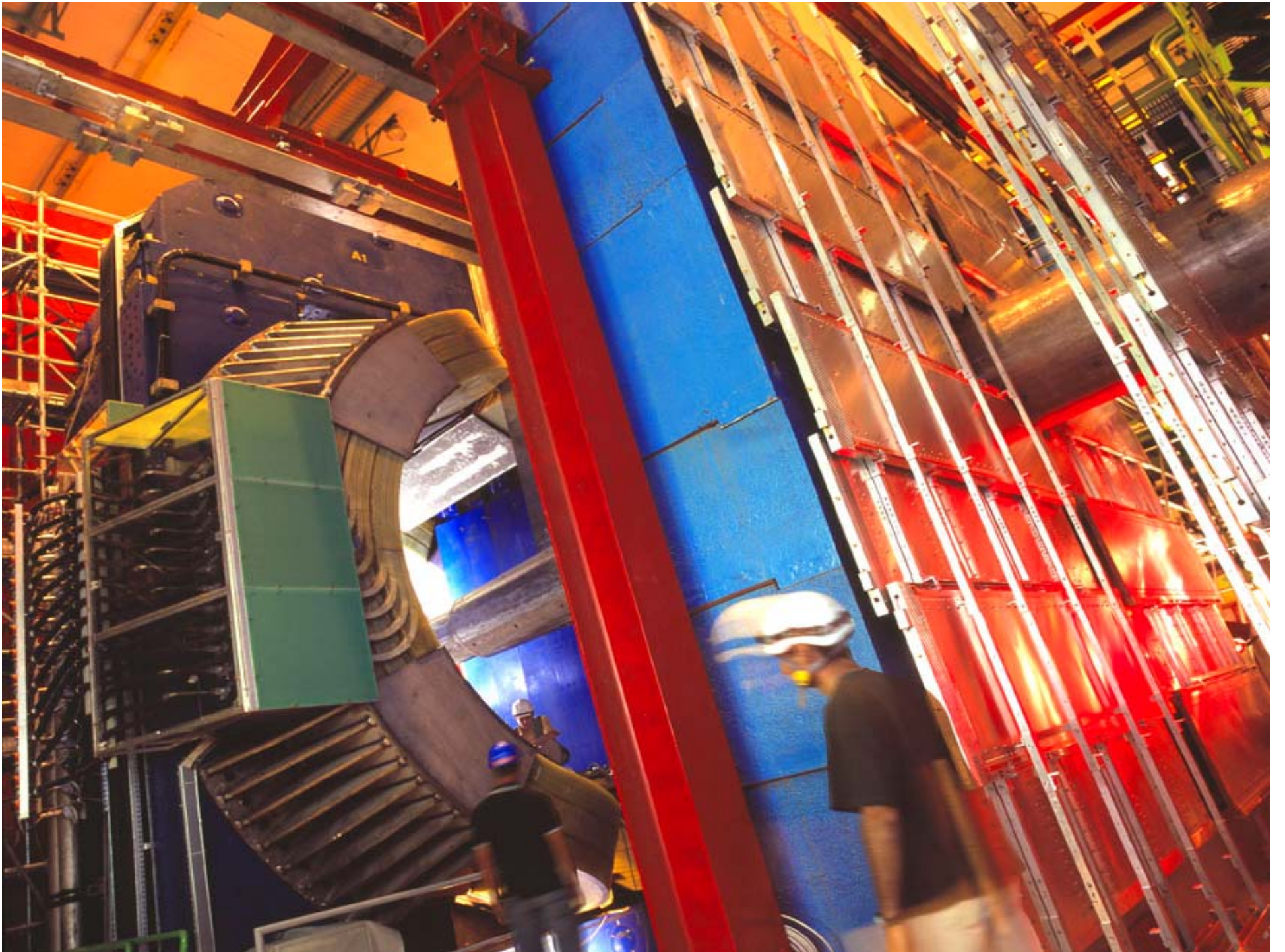


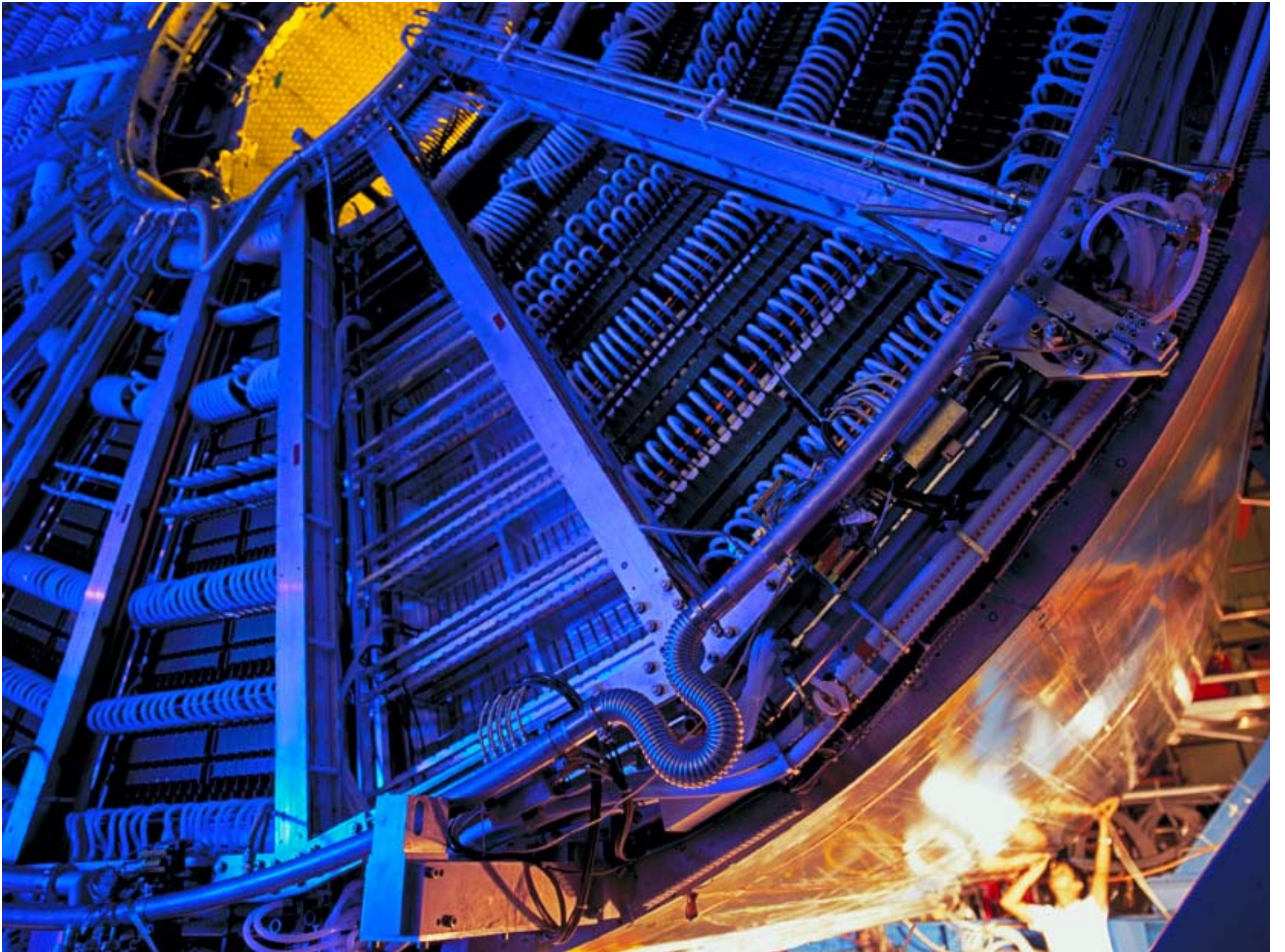


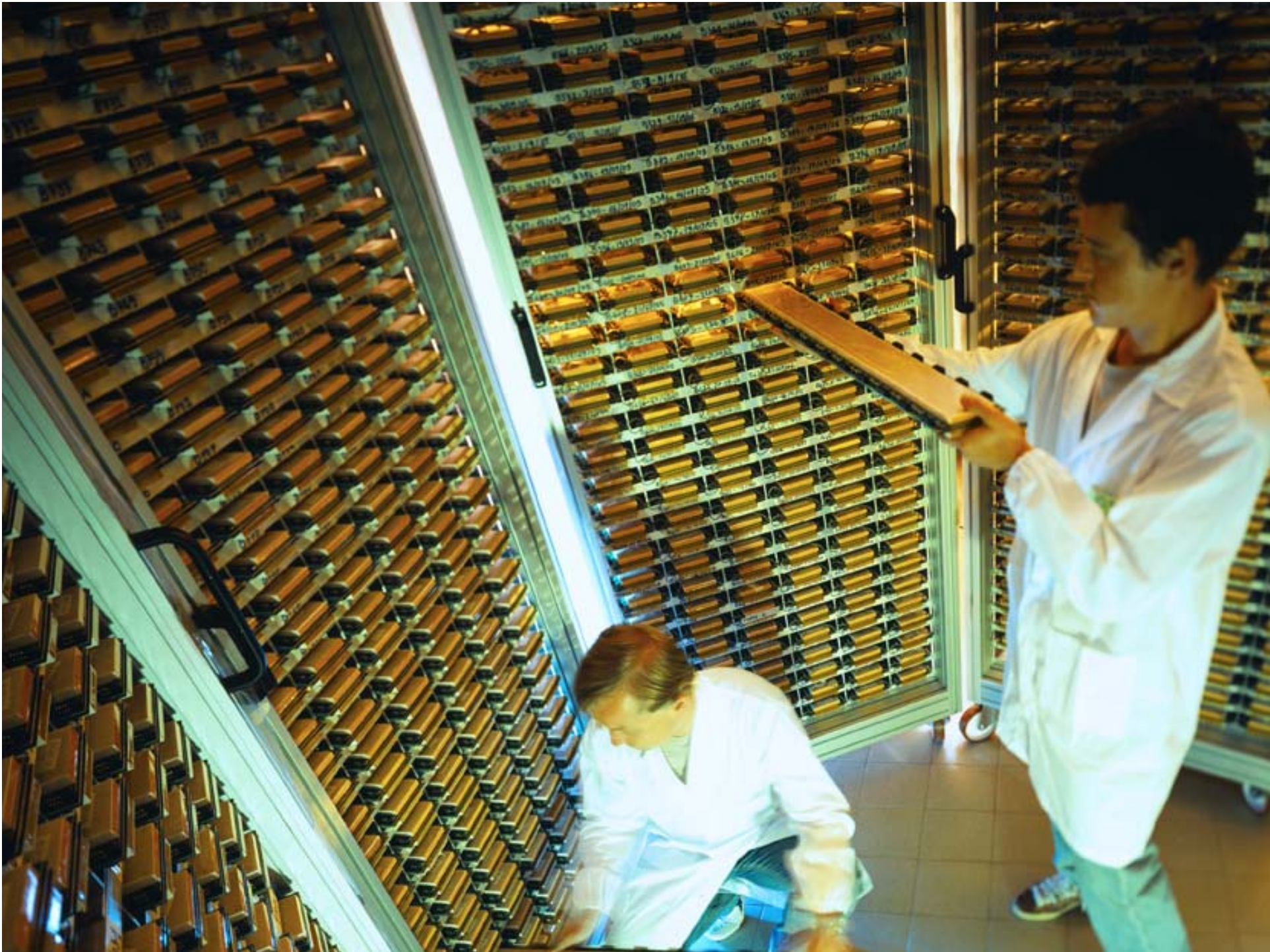
















Following ALICE

“Seguendo ALICE”

HIGH SCHOOL Liceo Classico Gioberti in Torino - Paola Porta Vercellin
Physics second year class (15years old) up to final examination (2006 - 2010)

Goal: make students track a large experiment from assembly to final results, opportunity to understand how scientific community works and importance of international collaboration and CERN's role in fundamental research.

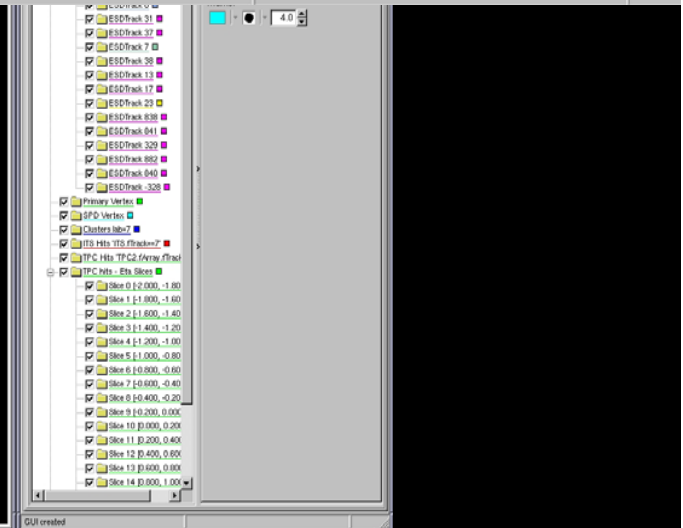
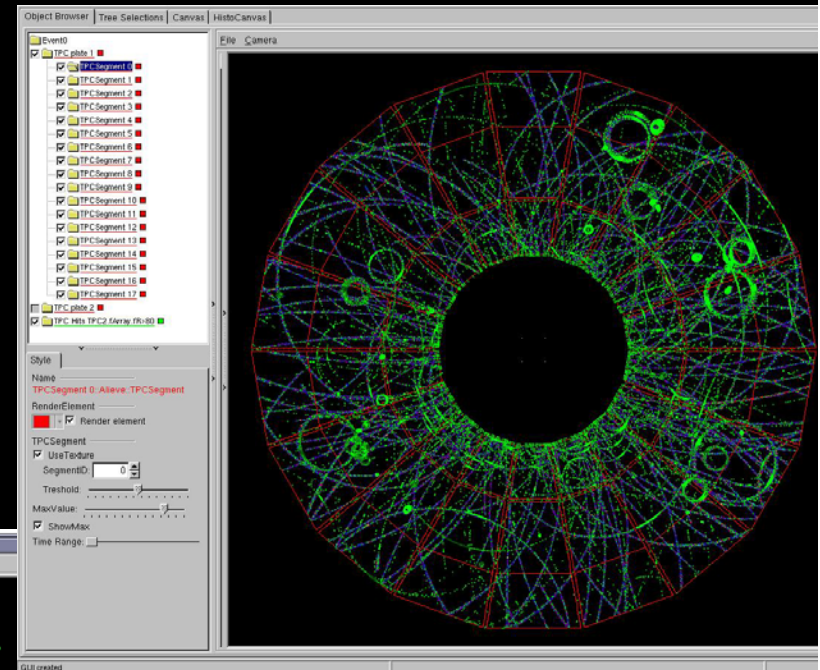
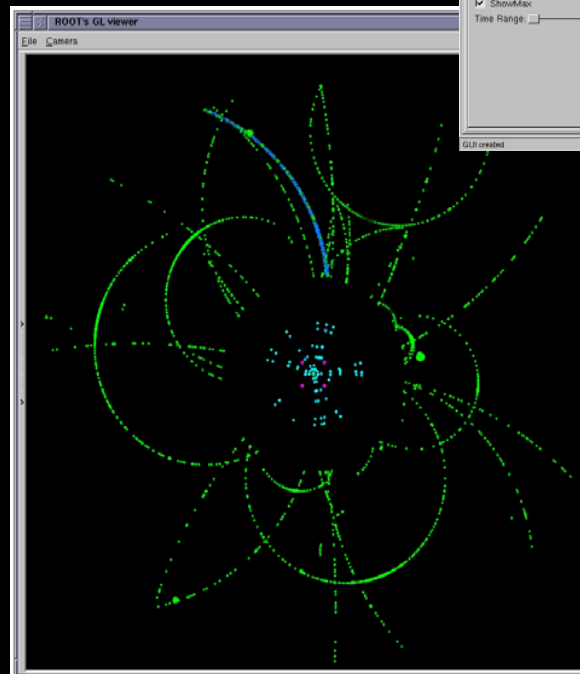
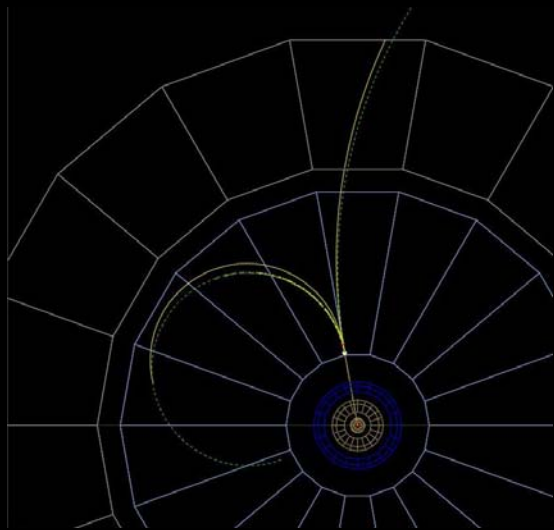
One "ALICE week" /year to examine the experimental lay-out, progress and possible problems, results and their impact on the scientific debate.

2006-2007	Building an experiment (general purpose of Alice, experimental layout, visit to Alice)
2007-2008	Setting-up an experiment (calibration, data acquisition and grid analysis)
2008-2009	First results (analysis methods, experimental error bars)
2009-2010	Results interpretation (comparison to theoretical models, next steps of Alice data taking)



Interactive data analysis display for schools

- under discussion





“Arlequin and the colour of quarks”

- Written by Marco Monteno (INFN Torino) – just received 1st prize “Teatro & Scienza al Mulino di Amleto”;
- For the annual ball, the princess asks Arlequin, the colour specialist, to find for her a dress with coloured quarks....unique and inimitable colours!
- English/French translation planned;
- Play (when, where ?? Still to be defined)



ALICE Video Clip

- 7 minute video clip for the general public
- 3 students:
 - Eric Bland / Boston University
 - Nathan Carrillat / Lycee L. de Vinci
 - Loic Marcoux / Lycee L. de Vinci
- Great support from the CERN video service (Jacques Fichet, Neil Mills and Jean-Claude Vialis)