

Welcome to the TH retreat

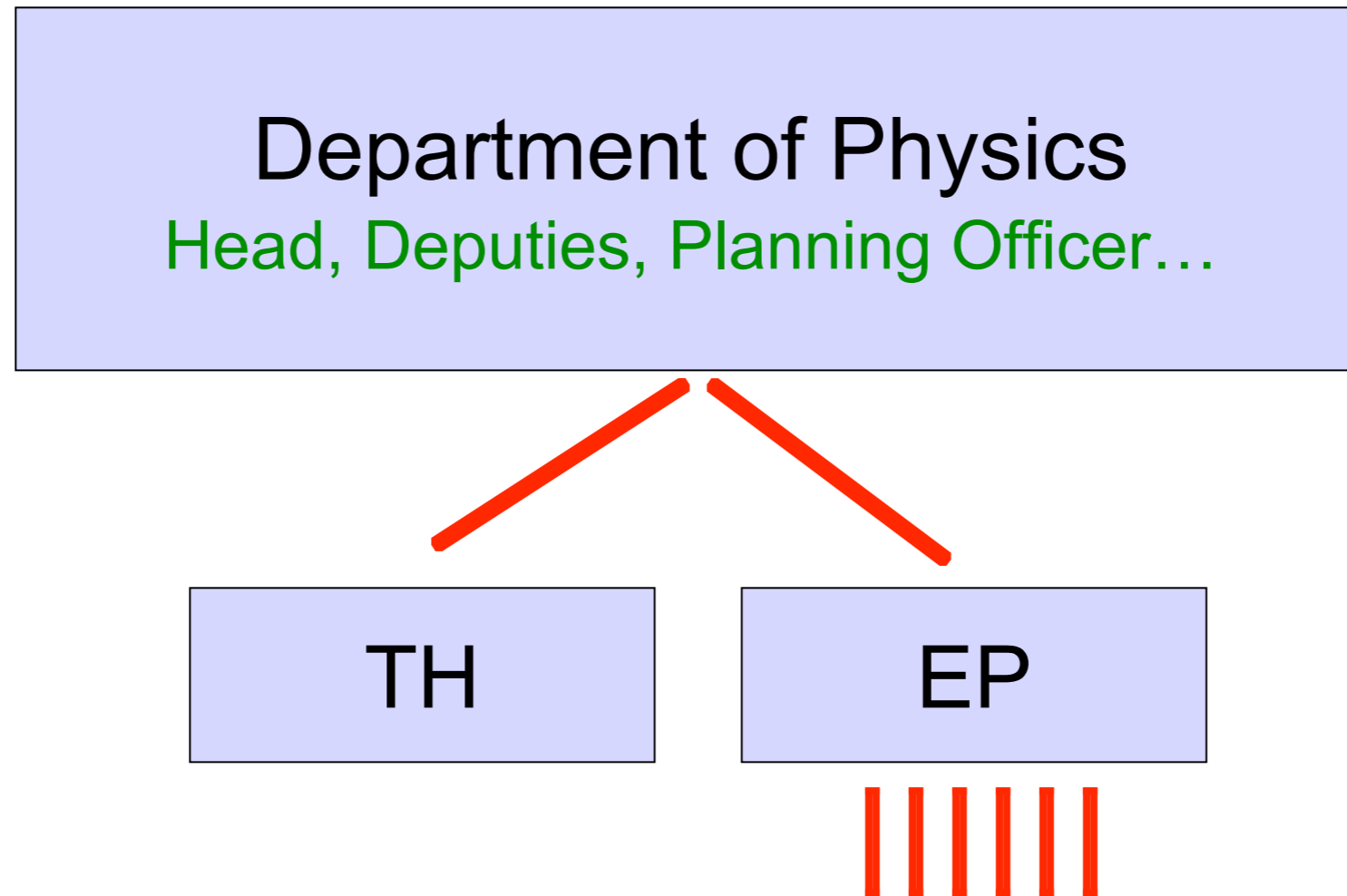
Many thanks to MLM and also to MC



- The founding fathers (Bohr, Heisenberg, Perrin, Amaldi) clearly stated that the Theory Group should be a center of excellence for Theoretical High Energy Physics in all its aspects. The group (and CERN) started in Copenhagen under the guiding eye of no less than Niels Bohr
- Excellence in research, creativity, is a main goal of the TH Group
- To be a reference center in Theoretical Physics not only for the member states community. A high quality place where theorists can get up-to-date and establish or maintain collaborative work
- To provide support to the experimental program of CERN, and conversely, to profit from the Basic Science that it provides
- Training and Outreach. We contribute to the various training programs on site (Academic Training, High School Teachers, Summer Students), and all CERN schools in member and non-member states alike



Organigram: where we are now



We were married manu military (shot gun) with the experimentalists, while Divisions became Departments in 2004 during the Aymar period.

The mexicans and the USA (a metaphor of TH and EP)

It has advantages and disadvantages...



Research activities

We are not a service Department, but we have to be in tune with the experimental activities of the Lab. and related activities in HEP and Astro/Cosmology.

We are a big group, but we cannot excel in all possible areas of theoretical physics.

Collider Physics LHC, FNAL,... WSM
Physics, HI program...

Astroparticle Physics, GRBs, Cosmic
Rays, Cosmology (ASPERA?)

Lattice Gauge Theories

BSM, Neutrino physics

SUSY, SUGRA, Strings, general QFT

TH-Institute programs



Seminars:

Wednesday, **MANDATORY ASSISTANCE**

String/QFT seminar

Specialized talks (Thursday)

Phenomenology

Journal Clubs

TH-Institute

and don't forget:

Pique Nique

TH Xmas Party



We select 12-13 MS, and 2-3 NMS/year

Complete academic freedom

Traveling budget 6KCHF over two years (with some variations)

PIN codes, roster pictures (newcomers doc)

Do not forget to put the TH-preprint number in your publications

You are encouraged to get involved in seminar organization as well as journal clubs, lectures series, academic training...

Do shake up the staff for discussions and/or collaborations. We are busy, but we will always find time for you.

You are the jewels of the place...



Miscellaneous comments

We have excellent assistants: Elena, Jeanne, Michelle, Nanie, they are always willing to help, and most of the time with a smile...

Get involved. Contribute to the scientific activities.

Do not feel isolated. If you have any problem, we will do our best to help and try to make your stay as pleasant as possible.

If you feel that things can be improved, by all means step forward. If there are things you find wrong, please let us know. We do accept and encourage (reasonable) criticism.

Your stay at CERN is likely to be important in your future career, so we want you to benefit as much as possible. Cultivate your contacts here. They may be important later on.

MAKE GREAT DISCOVERIES!!



Let the show begin!

This is the first time we try this experience

With such a big group it is important to give it some cohesion and coherence. We hope this exercise will help, and allay (at least in part) some previous criticism. Building a group feeling is not easy, but let's give it a try.

If successful, we will try to repeat it in the following years.

We hope you will enjoy this short retreat.

Thank you!

