NuFlavour workshop: Flavour physics in the era of precision neutrino experiments

The meeting will focus on a critical review of the physics case for neutrino physics and long baseline neutrino oscillations from a theoretical perspective.

Topics

- LFV from GUT see-saw models and from TeV see-saw models
- Neutrino physics and cosmology
- LF physics at the TeV scale beyond the standard model
- Leptogenesis: model-dependent and independent considerations
- Interplay between neutrino masses and other phenomenological signatures
- Performance indicators in long baseline experiments
- Contributed talks
- Session summaries

Aim: to start a discussion on the physics case and to summarise it in a short document, which can constitute a basis on which to develop a **more in focus physics case** for neutrino physics:

- open window on the physics BSM (possibly at scales not accessible directly)

- complementary window on the flavour problem

- critical ingredient in understanding the evolution of the Universe

The workshop wants to put the physics discussion at the center.

You are all very welcome and strongly encouraged to participate in the discussion!

The discussion leaders will prepare a short contribution to the final document to summarise the main points and conclusions of the discussion.

Few technicalities

Lunches and dinners: at Cosener's house at the times indicated on the program.

Internet connection: wireless is available in the seminar room. Cable connection is possible in the rooms

If you have not done so already, please **register and pay the conference fee**.

Please, **pay the room** directly to Cosener's house reception.

If you need a **taxi for departure**, please sign the sheet which is at the registration desk and indicate the date and time of the taxi.

Thanks a lot for coming!