

Discussion session on

Provide physics motivation of LBL oscillations within wider context of particle physics, beyond a relatively small (compared to the scale of the facility) neutrino aficionados circle.

**NuFact 11
CERN - August 1 2011**

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MASSES

- **Phenomenology**

What is the complementarity and synergy between LBL and other neutrino experiments?

- **Theory**

How can we get some information about the scale at which neutrino masses arise? And about the mechanism of their generation? What is the connection with other particle physics searches?

- **Talks by Ibarra and Mohapatra**

MIXING

- **Standard Picture**

If θ_{13} is large, what can we learn on mixing in the coming Future? Is tribimaximal mixing still a good guiding principle?

- **Beyond 3-neutrino mixing**

What can we learn from LBL exp? What do we need for it (precision, near detectors...)?

- **Talk by Minakata**

Their connection
In models BSM, are masses
and mixing connected?

Summary (to be finished!!!!!!!!!!!!)

Neutrino physics provides a new window on the physics at high energy scales and on the problem of flavour.

Many new questions are open:

What is the **complementarity** between these experiments? And what the **synergy**?

Are there **priorities** between these experiments from a theoretical point of view?

Is the **information** we can get from neutrino physics on the physics BSM **unique**?

Is it **complementary with the energy frontier** (future collider) experiments and other searches? If so, how?

What is the **case for precision** in neutrino physics experiments?