

Timestamp	Lecture	Slide	My Question
8/24/2021 11:55:17	2	10	I have the feeling that the models that try to explain the mass hierarchy of the quarks just transfer the problem to something else. For example in slide 10, then the question becomes why are the fermions located in different places in this extra dimension. Why are these model preferable over just accepting the mass hierarchy?
8/24/2021 11:57:27	2	11	If particles can gain mass via loop couplings to Higgs, why don't e.g. gluons have mass?
8/24/2021 12:12:55	2	slide 14	Agustin Romero: Great talk, thanks! Can you explain why the singlet does not contribute to electroweak symmetry breaking?
8/24/2021 12:15:58	2	20	why each Yukawa terms has the Left-handed with Right-handed fields combined
8/24/2021 12:18:19	2	20	If we add right-handed neutrinos, How do the doublets couples with neutrinos in each case? In the same way as down-quarks?
8/24/2021 12:21:20	2	21	Something special about Type-2 for this scheme, or other 2HDM types can also work similarly ?
8/24/2021 12:23:09	2	24	Why is there a tail in the plots for type-II, X, and Y?
8/24/2021 12:27:48	2	28	The ratio of BR(B->tau-nu) to SM looks like it can be one, depending on the value of tangent(beta). Is there some physics significance for such a value?
8/24/2021 12:34:11	2	30	if assuming the higgs boson do not coupling to light quark, Is the constrain on H+ from the meson decay still valid?