

# DISCRETE 2014: Fourth Symposium on Prospects in the Physics of Discrete Symmetries



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## Phenomenology of scenarios with flavor and CP symmetries

*Tuesday, 2 December 2014 17:30 (30 minutes)*

I discuss a scenario for leptons with a flavor and a CP symmetry. If these symmetries are broken in a particular way, lepton mixing angles as well as the Dirac and the Majorana phases can be predicted in terms of quantities determined by the symmetries of the theory and only one continuous parameter. I present results for a large class of flavor and CP symmetries. Furthermore, I study leptogenesis and neutrinoless double beta decay in such a scenario.

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