## Particle Physics on the Plains 2022 Part 2



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## Correlating the Magnetic Moments of Neutrinos and Charged Leptons

Saturday 22 October 2022 17:05 (20 minutes)

In this talk, I shall describe how the neutrino transition magnetic moment and charged lepton magnetic moments are correlated in various classes of models. In particular, I will consider two different models. One is based on an approximate  $SU(2)_H$  symmetry, and the other is based on the spin symmetry mechanism: both these models can generate a large neutrino magnetic moment without inducing unacceptably large neutrino masses.

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