Mechanism for family replication in supersymmetric SO(10)
ROLAND ALLEN, Texas A&M University — The theory presented in arXiv
1101.0586 [hep-th] suggests a mechanism for family replication in supersymmetric SO(10): different solutions to a fourth-order nonlinear equation (in an internal space) belonging to the same SO(10) representation. In this talk explicit numerical solutions will be shown, and the general properties of solutions will be discussed.

Roland Allen
Texas A&M University