

APR09-2009-000216

Abstract for an Invited Paper
for the APR09 Meeting of
the American Physical Society

Extra dimensional models for TeV scale physics

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I will review the various extra dimensional models relevant for the physics of the TeV scales. These models include the realistic Randall-Sundrum model, composite Higgs models (models of gauge-Higgs unifications) and higgsless theories. I will review the electroweak precision and flavor constraints on these models, and briefly comment on theories with Universal Extra Dimensions and KK dark matter.