

NON-CUSTODIAL WARPED MODELS

Prof. Mariano Quiros
ICREA/IFAE Theory Group
Barcelona, Spain
Tuesday, October 25, 2011
4:00 P.M. NSH 415

5D warped models based on AdS₅ spaces predict in general a strong violation of custodial symmetry which translates into a very strong bound from EWPT's on the KK masses and motivated the introduction of an extra gauge (custodial) symmetry and extra stuff in the bulk. I will describe an alternative which consists in models which are asymptotically AdS₅ and with a strong breaking of conformality in the IR boundary and no extra gauge symmetry. These non-custodial warped models are consistent with EWPT's and FCNC even for KK masses of the order a few TeV.

Particle
Physics
Seminar

All interested
persons are
cordially
invited to
attend.