

Scale Separation in String Theory (T: 50mn + Q: 10mn)

mercredi 11 mai 2022 10:00 (1 heure)

Extra spacetime dimensions give rise to KK fields, whose masses should be large and in particular much larger than the cosmological constant. While this can happen naturally in an effective low-energy theory, it is not the case for most known vacuum solutions of ten-or eleven-dimensional supergravity. We review efforts to find vacua that resolve this tension and recent general bounds on KK masses.

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Classification de Session: Morning chair: TBC