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Smearing and Unsmearing KKLT AdS Vacua

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Gaugino condensation on D-branes wrapping internal cycles gives a mechanism to stabilize the associated moduli. According to the effective field theory, this gives rise, when combined with fluxes, to supersymmetric AdS₄ solutions. We provide an approximate ten-dimensional description of these vacua. More precisely find the supersymmetry equations for type II AdS₄ vacua with gaugino condensates on D-branes, in the framework of generalized complex geometry.

Presenter: KOVENSKY, Nicolas

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