

Theory CANADA 4 Conference  
*Conférence Théorie CANADA 4*  
4-7 June/Juin, 2008

# Cascading Gravity and Degravitation

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## **Abstract**

Higher-codimension DGP braneworld models represent explicit examples where the vacuum energy can effectively decouple from gravity. In this class of models gravity cascades from a higher-dimensional behavior in the IR to a four-dimensional one in the UV. Such scenarios are however notoriously challenging due to divergences when evaluating the propagator on the brane and to the presence of ghost-like instabilities. We argue that both issues can be resolved simultaneously and discuss the consequences for degravitation.