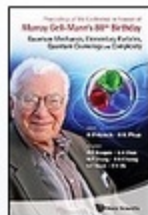


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Contributed Talks: Particle Physics, Cosmology and General Relativity

D-BRANEWORLD BLACK HOLES

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We investigate an emergent AdS_5 geometry, underlying torsion geometrodynamics in a two form $U(1)$ gauge theory. We obtain a D_3 -braneworld black hole using the AdS_5/CFT from the emergent AdS_5 black hole. Perspective of a dual D_3 -brane $U(1)$ gauge dynamics, with a torsion, leading to an amazing braneworld black hole is worked out. A complementarity is argued between the magnetic field, on a D_3 -braneworld, and the torsion on its dual braneworld. Our analysis may provide an urge to go beyond Riemannian curvatures underlying string theories with a string charge.