

New High Energy Theory Seminar



*Tuesday February 7, 2012 3:00 p.m.
Serin Physics Lab Room 385E
126 Frelinghuysen Rd.
Piscataway, NJ*

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“New SCFTs from M5-branes”

I will describe a new set of AdS/CFT dual pairs which come from M5-branes wrapping Riemann surfaces. Some of the gravity solutions interpolate between the N=1 and N=2 Maldacena-Nunez solutions, and the resulting CFTs are so-called "non-Lagrangian" theories. This construction also leads to an infinite family of gravity solutions whose corresponding field theories remain mysterious.