

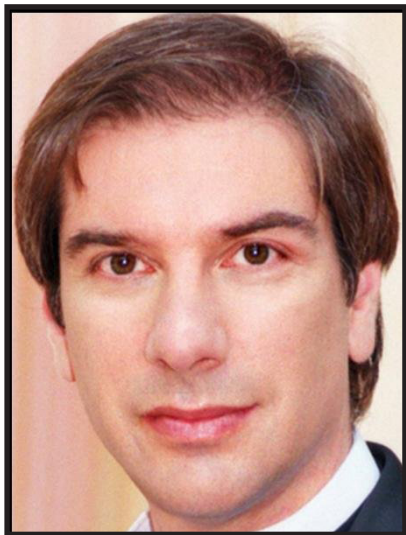


Department of Physics Colloquium

Friday, November 12, 2010 • 4:00 P.M. • 2241 Chamberlin Hall

cookies & coffee served at 3:30 p.m

Electroweak Superconductivity



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Over the course of the next decade experiments probing nature at distances as short as a tenth of an atto-meter will take place. The principal goals of these experiments include the exploration of the phenomena of electroweak superconductivity, the property of nature responsible for the short-range character of the weak interactions as well as the masses of the quarks and leptons. I will give a gentle introduction to this phenomena and describe some recent ideas for its origin.