



Joseph David Lykken

Theoretical Physicist

Joseph David Lykken (born June 17, 1957 in Minneapolis, Minnesota) is a theoretical physicist at the Fermi National Accelerator Laboratory. As of July 1, 2014 he is the Deputy Director and Chief Research Officer of Fermilab. He received his Ph.D. in 1982 from M.I.T. He works in the Fermilab Theory Department, and is a collaborator of the Compact Muon Solenoid (CMS) experiment at the CERN Large Hadron Collider. In 1996 Lykken proposed "weak scale superstrings," which posited extra dimensions of space within the reach of particle colliders, such as the Fermilab Tevatron, and the CERN Large Hadron Collider. This, and related ideas will be subject to direct and indirect experimental tests in the coming years.

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