The Holographic Dual of an EPR Pair has a Wormhole

Recently, Maldacena and Susskind conjectured that EPR pairs and non-traversable wormholes describe the same physics. Dr. Jensen will discuss a simple holographic example which supports their claim, involving two entangled quasiparticles in N=4 super Yang-Mills, as well as the status of the ER=EPR conjecture in the context of holography.