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Kerr-like Wormhole

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In 2006 we proposed the conjecture that rotating wormholes might be stable, while static ones might not be. In this talk we present an exact solution of the Einstein-Phantom Field equations similar to the Kerr solution. It is singular in a ring around the throat, but this singularity is geodesically complete and cannot be touched by null geodesics, our conclusion is that the singularity is not in causal contact with the rest of the universe, giving rise to a new form of Cosmic Censorship. The solution has several exotic behaviors that we explain in this talk.

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