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## **Black holes and causal structure with Lorentz violations**

*Monday, July 20, 2015 2:20 PM (20 minutes)*

When Lorentz symmetry is broken, defining the concept of Black Hole becomes highly non-trivial. In this talk I wish to discuss the problems related to such definition and introduce a way to define the causal structure and horizons for a manifold with a preferred foliation.

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