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Khronometric Theory, Numerical General Relativity and Blackholes

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In Khronometric theory we break Lorentz invariance by introducing a preferred time direction, and hence, equipping our spacetime manifold with a foliation of space-like surfaces. Our primary tool to solve the equations of motion is such a spacetime is Numerical General Relativity (NGR). We investigate how we can use this tool, to solve the equations of motion for a blackhole solution in Khronometric Theory.

Primary author: Mr COOK, James (King's College London)

Presenter: Mr COOK, James (King's College London)

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