
GENERAL RELATIVITY AND LORENTZIAN GEOMETRY

April 2–4, 2019



A mini-course by Dr. Amir Babak Aazami (Clark University)

This is a 3-lecture seminar on Lorentzian geometry. The emphasis is on causality and curvature—and we will start with the very basics. A course in Riemannian geometry will be helpful, but no background in Lorentzian geometry or General Relativity is assumed. The three lectures are:

1. An introduction to Lorentzian geometry, part 1

April 2, 3:30–4:45pm

2. An introduction to Lorentzian geometry, part 2

April 3, 3:30–4:45pm

3. Hawking's Singularity Theorem

April 4, 9:00–10:15am

All lectures will take place in ED3023.