



## Department of Mathematics Seminar

# Lorentzian Geometry and Warped Products

By

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**Abstract:** Lorentzian manifolds are semi-Riemannian manifolds with index 1. They differ from Riemannian manifolds in having some special properties. After we give the definition of a Lorentzian manifold, we will review some of these properties. Then we will touch on the Lorentzian warped products.

**Date:** June 11, 2019 Tuesday

**Time:** 09:30

**Place:** SA141 Mathematics Seminar Room