



Speaker: Marcus Khuri
Stony Brook University

Wednesday, May 2, 2018

4:00 PM

129 Hayes-Healy Hall

Title: Stationary Vacuum Black Holes

Abstract:

We give an overview of the mathematical aspects of stationary vacuum black hole solutions to the Einstein equations. New results will then be presented concerning the topological classification of horizons in addition to existence/uniqueness results describing which topologies may be realised by regular solutions. This talk is intended for a general audience.