
Speaker: Alice Sun-Yung Chang
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Tuesday, March 15, 2016

11:00 AM

258 Hurley Hall

Title: Compactness of conformally compact Einstein manifolds

Abstract:

Given a class of conformally compact Einstein manifolds with boundary, we are interested to study the boundary behavior of their compactified metrics. I will report some joint work with Yuxin Ge on a compactness result in a 3+1 setting, which is a study of some 4th order elliptic system with some matching 3rd order boundary conditions and the corresponding choice of conformal representatives. 1