



Department of Mathematics
The Institute of Mathematical Sciences
The Chinese University of Hong Kong

數學系
數學科學研究所
香港中文大學

Phone: (852) 3943 7988 / 3943 7989 • Fax: (852) 2603 5154 • Email: dept@math.cuhk.edu.hk
Phone: (852) 3943 8036 / 3943 8038 • Fax: (852) 3942 1020 • Email: ims@ims.cuhk.edu.hk
Rm. 220, Lady Shaw Building, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong
Unit 601, Academic Building No. 1, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong

Joint Geometric Analysis Seminar

Rigidity of Riemannian Penrose inequality for asymptotically flat 3-manifolds with corners

Dr. Wenlong Wang
Peking University & IMS

Abstract: In this talk, we will talk about a rigidity result for the equality case of the Penrose inequality on asymptotically flat 3-manifolds with nonnegative scalar curvature and corners. This result is closely related to the boundary behavior of compact manifolds with nonnegative scalar curvature. This is joint work with Yuguang Shi and Haobin Yu.

Date: 29 March 2018 (Thursday)
Time: 10:30 a.m. – 11:30 a.m.
Venue: Room 502A, Academic Building No.1
The Chinese University of Hong Kong, Shatin

All are Welcome!