



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 • Fax: (852) 2603 5154 • Email: [dept@math.cuhk.edu.hk](mailto:dept@math.cuhk.edu.hk) (Math. Dept.)  
Room 220, Lady Shaw Building, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong

# Joint Geometric Analysis Seminar

(Part of MIST program)

## *Area-minimizing cones over products of Grassmannian manifolds*

*Mr. Jialin Xin*  
*University of Chinese Academy of Sciences*

### *Abstract*

In this talk I will explain a sufficient criterion for a cone in Euclidean space to be area-minimizing, and some new examples related to Grassmannian manifolds. This is joint work with Xiaoxiang Jiao and Hongbin Cui.

Date: February 3, 2023 (Friday)  
Time: 11:00am-noon (Hong Kong time)  
ZOOM link: <https://cuhk.zoom.us/j/91805734715>

*All are Welcome*