



Institute of Mathematics
Academia Sinica

Department of Mathematics
National Taiwan University



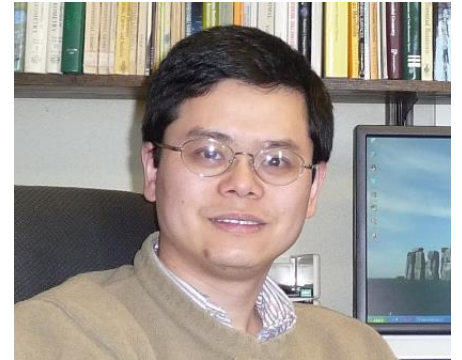
Lakeside Lectures

Speaker: Prof. Yu YUAN (袁域)
(University of Washington)

Title: Exterior Bernstein and Bernstein problems for Hessian equations

Abstract:

We survey some new and old rigidity results for Hessian equations such as special Lagrangian equations, Monge-Ampere equations, and symmetric Hessian equations. In particular, a unified approach to quadratic asymptote of solutions over exterior domains will be presented. Special Lagrangian and Monge-Ampere equations are the potential equations for minimal and maximal "gradient" graphs in Euclid and pseudo-Euclid spaces respectively.



Date: December 18 (Mon), 2017

Time: 14:00-15:00

Venue: Room 202, Astro-Math Building (NTU Campus)

Refreshment: 13:30

Organizers: I-Kun Chen, Volker Elling, Chun-Yen Shen

