



DISTINGUISHED VISITOR LECTURE SERIES

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K-stability and Kähler metrics

Abstract:

In these expository lectures, I will discuss the K-stability and its connections to existence of canonical metrics in Kähler geometry. I will show how to establish the existence of Kähler-Einstein metrics on Fano manifolds. Some open problems will be also discussed near the end.

About the speaker:

Prof. Tian has made fundamental contributions to geometric analysis, complex geometry and symplectic geometry. He won the Alan T. Waterman Award in 1994 and the Veblen Prize in 1996.

He spoke twice at the International Congress of Mathematicians in 1990 and 2002. He was elected to the National Academy of China in 2001 and the American Academy of Arts and Science in 2004.

17 Jan (Lecture 1)
2017, 10 - 11 am

IMS Auditorium

19 Jan (Lecture 2)
2017, 10 - 11 am

FREE ADMISSION