

中央研究院數學研究所

Institute of Mathematics, Academia Sinica

Taipei Postdoc Seminar

Speaker : Iacopo Brivio (University of California, San Diego)

Title : On Algebraic Invariance of Plurigenera

Time : 14:00 - 15:00, Wednesday, Dec. 16, 2020

Venue : Lecture Hall 5F, Cosmology Building (NTU Campus) 次震宇宙館 五樓演講廳

Abstract :

A famous theorem of Siu states that plurigenera of complex projective manifolds are invariant under smooth deformation. The only known proof is deeply analytic. In this talk I will show how one can give an algebraic proof of Siu's result, assuming the specialization of Kodaira dimension less than or equal to zero, in families of varieties with canonical singularities.

Organizer : Wei-Bo Su (Academia Sinica), Peng-Jie Wong (National Center for Theoretical Sciences)

https://www.math.sinica.edu.tw/www/file_upload/conference/2016TPS/index.html

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