

# 中央研究院數學研究所

Institute of Mathematics, Academia Sinica

## Taipei Postdoc Seminar

**Speaker** : Andrea Galasso (National Center for Theoretical Sciences)

**Title** : Asymptotics Expansions in Geometry and Quantization

**Abstract** :

Given a polarized complex compact projective manifold, one is led to study high tensor powers of line bundles on it. The orthogonal projection from the space of square integrable sections onto the subspace of holomorphic ones, is the Bergman projection. The investigation of its asymptotics properties turns out to have important consequences in geometry and quantization. The aim of this talk is to give an overview of these results, especially in the equivariant setting.

**Time** : 11:00 - 12:30, Wednesday, April 22, 2020

**Venue** : Online (TBA)

**Organizer** : Sheng-Fu Chiu (Academia Sinica), Jia-Yuan Dai (National Center for Theoretical Sciences)

[https://www.math.sinica.edu.tw/www/file\\_upload/conference/2016TPS/index.html](https://www.math.sinica.edu.tw/www/file_upload/conference/2016TPS/index.html)

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