

# 中央研究院數學研究所

Institute of Mathematics, Academia Sinica

## Taipei Postdoc Seminar

**Speaker** : 王建勛 Dr. Chien-Hsun Wang (National Center for Theoretical Sciences)

**Title** : **Kuranishi structures of the moduli spaces of J-holomorphic curves**

**Abstract** :

Counting J-holomorphic discs plays an essential role in Floer theory and mirror symmetry. However, the moduli space of J-holomorphic discs is in general singular due to the bubbling phenomenon. Fukaya and Ono constructed a coordinate system called Kuranishi structure to achieve the transversality. We will discuss its application for Lagrangian Floer theory.

**Reference** : Lagrangian Intersection Floer theory, Anomaly and Obstruction.

**Time** : 11:00 - 12:30, **Thursday**, Oct 11, 2018

**Venue** : Room 638, Astro-Math. Buidling (NTU Campus)

**Organizer** : Sheng-Fu Chiu (Academia Sinica), Chien-Hsun Wang (National Center for Theoretical Sciences)

**Refreshment** : 10:30

[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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