

# 中央研究院數學研究所

Institute of Mathematics, Academia Sinica

## Taipei Postdoc Seminar

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

**Title** : **Introduction of the wrapped Fukaya category**

**Abstract** :

This is the first talk of a reading seminar on the wrapped Fukaya category of a Liouville manifold. The objects of the wrapped Fukaya category include non-compact Lagrangian submanifolds with appropriate behavior at infinity. It has many applications to symplectic topology such as Arnold's nearby Lagrangian conjecture and homological mirror symmetry. In this talk, we will discuss its definition and give some examples.

**Time** : 13:00 - 15:00, **Thursday**, Oct 25, 2018

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

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

**Refreshment** : 12:30

[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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