

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 : **Generation of the Fukaya category**

Abstract :

We want to find a full subcategory of a wrapped Fukaya category such that every object in the wrapped Fukaya category can be constructed by the iterated mapping cone of generating objects in the subcategory. Abouzaid states the criterion: If the identity lies in the image of the open-closed map from the Hochschild homology of the subcategory to the symplectic cohomology of a Liouville symplectic manifold. We will outline the ideal of the proof.

Ref: M. Abouzaid “A geometric criterion for generating the Fukaya category”.

Time : 13:00 - 15:00, **Thursday**, November 15, 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

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