



Du
28
NOV.
2022

14h00
-
15h00

SÉMINAIRE D'ALGÈBRE

**Fernando Muro and Gustavo Jasso: The triangulated Auslander-Iyama
correspondence II**

INSCRIPTION

In these two talks, we will start by introducing a result which establishes the existence and uniqueness of (DG) enhancements for triangulated categories which admit an additive generator whose endomorphism algebra is finite-dimensional (over a perfect field). We will then present a generalisation of this result that allows us to treat a larger class of triangulated categories, which instead admit a generator with a strong regularity property (a so-called dZ-cluster tilting object). We will also explain how our result, combined with crucial theorems of August and Hua-Keller, leads to a positive solution of the Donovan-Wemyss Conjecture for contraction algebras as observed by Keller. We will also comment on some details about the proof.

URL of the page: <https://www.ihp.fr/fr/agenda/fernando-muro-and-gustavo-jasso-triangulated-auslander-iyama-correspondence-ii>



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HORAIRES

L'institut :

- lundi au vendredi de 8h30 à 18h,
- fermé les jours fériés.

Le musée - Maison Poincaré :

- lundi, mardi, jeudi et vendredi de 9h30 à 17h30,
- samedi de 10h à 18h,
- fermé le mercredi et le dimanche.