ID de Contribution: **14** Type: **Exposé de recherche sur proposition**

On the deformation theory of dg-categories

mercredi 21 octobre 2015 15:40 (50 minutes)

This is work in progress with Ludmil Katzarkov, Pranav Pandit and Bertrand Toën. I will explain how to use the theory of formal moduli problems of Lurie to obtain a better understanding of the deformation theory of a dg-category up to Morita equivalence, based on previous work by Preygel. This leads to a finiteness result about any formal deformation of a smooth and proper dg-category.

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