ID de Contribution: **51**   Type: **Non spécifié**

SFT-style Rabinowitz complex for exact Lagrangian cobordisms and Calabi-Yau isomorphism

jeudi 7 juillet 2022 11:00 (1 heure)

We will define a Floer complex (the "Rabinowitz" complex) associated to a pair of exact Lagrangian cobordisms, using SFT techniques. This complex is a DG-bimodule over the Chekanov-Eliashberg algebras of the Legendrian submanifolds in the negative end of the cobordisms. We will use this complex and its properties to show that the Chekanov-Eliashberg algebra of an horizontally displaceable Legendrian sphere satisfies some Calabi-Yau property, namely that it is quasi-isomorphic as a DG-bimodule over itself to its inverse dualizing bimodule.

Orateur: LEGOUT, Noémie (Uppsala University)