

Séminaire Groupes Réductifs et Formes Automorphes

Le 9 octobre 2017 à 10h30 (Jussieu)

Topological mirror symmetry via p -adic integration.

Exposé de Dimitri Wyss
(IMJ)

Résumé :

The topological mirror symmetry conjecture of Hausel-Thaddeus predicts an equality of Hodge numbers of certain SL_n and PGL_n -Higgs moduli spaces which are known to be SYZ-mirror partners. In my talk I will explain how to prove this conjecture by means of p -adic integration along the Hitchin fibration and indicate some possible further applications of this idea. This is joint work Michael Groechening and Paul Ziegler.