Towards chain level GW theory: an algebraic toolkit

mardi 28 février 2023 16:45 (1 heure)

I want to explain some algebraic constructions that should be helpful in the understanding of the chain level lift of cohomological field theories. In particular, I want to show a remarkable and a very general method coming from the theory of graph complexes that in our situation allows to generate actions of Givental and Grothendieck–Teichmueller groups on (quantum) (homotopy) cohomological field theories within the same natural extension of Kontsevich's graph complex. A joint work with V. Dotsenko, A. Vaintrob, and B. Vallette.

Orateur: SHADRIN, Sergey