



Contribution ID: 14

Type: **not specified**

Top weight cohomology of $M_{\{g,n\}}$ and the handlebody group

Thursday, September 1, 2022 9:00 AM (50 minutes)

Chan-Galatius-Payne have shown that the homology of Kontsevich's commutative graph complex injects into the compact support cohomology of moduli spaces of curves, in such a way that the image is the weight zero part of the mixed Hodge structure on the target. We explain that this map factors through the homology of the handlebody mapping class groups. This is joint work in progress with my PhD student Louis Hainaut.

Presenter: PETERSEN, Dan (Stockholm)