Seminar/Talk

Ribbon graph formulation of CohFT and 2D TQFT

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Host: Tamas Hausel

We present a new (or an unconventional) formulation of cohomological field theories and 2-dimensional topological quantum field theories, based on the category of ribbon graphs. In this formulation, operations on graphs (which are known by other names in the study of Hurwitz numbers and moduli of hyperbolic surfaces) are represented by natural transformations in a functor category. Our motivation lies in understanding relations between CohFT, TQFT, and topological recursion. The talk is based on my joint papers with Olivia Dumitrescu.

Wednesday, March 22, 2017 01:45pm - 04:45pm
Mondi Seminar Room 2, Central Building

This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: https://ista.ac.at/en/campus/how-to-get-here/ The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.

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