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Hierarchies of meromorphic differentials

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The goal of this talk is to present a new construction of integrable hierarchies based on the strata of meromorphic differentials. We will focus on the classical case for the trivial CohFT. We will explain how these hierarchies coincide with the DR hierarchies, resulting in a surprising equality between intersection numbers on the DR cycle and on the strata of meromorphic differentials. This is a work in progress with P. Rossi.

Orateur: BLOT, Xavier