



Contribution ID: 60

Type: **not specified**

Extended nonlinear Schrodinger hierarchy and higher genera Catalan numbers

Thursday, July 1, 2021 11:30 AM (40 minutes)

In the framework of the Givental construction of total descendent potential of the two-dimensional charge $d=-1$ Dubrovin-Frobenius manifold, we derive Hirota equations and study the Lax representation of the associated extended Schrodinger hierarchy. The total descendent potential is related to higher general Catalan numbers via CEO topological recursion.

Primary author: Prof. CARLET, Guido (Université de Bourgogne)

Presenter: Prof. CARLET, Guido (Université de Bourgogne)