

At the crossroads of physics and mathematics : the joy of integrable
combinatorics (Philippe60)



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Semiclassical limit of the spin Calogero-Moser system as a hybrid integrable system (online talk)

Wednesday, June 26, 2024 12:00 PM (30 minutes)

The talk will start with a brief outline of hybrid integrable systems. Such systems consist of an integrable classical background and a quantum “bundle” over the phase space of this classical system. The quantum dynamics of such a system is “driven” by the classical integrable dynamics. An example of such a system appears in the semiclassical limit of the spin Calogero-Moser system. We describe these hybrid systems over invariant tori of all possible dimensions.

Presenter: RESHETIKHIN, Nicolai (YMSC Tsinghua University)