



Seminar/Talk

A large deviation principle in many-body quantum dynamics

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Host: Robert Seiringer

We consider the many-body quantum evolution of N bosons in the mean-field regime. For factorized initial data, we show that fluctuations around the limiting Hartree dynamics satisfy large deviation estimates. Our results are consistent with central limit theorems that have been established in the last years. This is joint work with Benjamin Schlein and Kay Kirkpatrick.

Thursday, November 19, 2020 04:15pm - 05:15pm

Online via Zoom



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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