



Seminar/Talk

Higher order corrections to the mean-field dynamics of interacting bosons

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Host: Robert Seiringer

We consider the dynamics of N bosons which are initially in a Bose-Einstein condensate and interact via pair interactions in the mean-field scaling regime. We derive a sequence of N -body functions which approximate the true many-body dynamics in norm to arbitrary precision in powers of $1/N$. Joint work with Natasa Pavlovic, Peter Pickl, and Avy Soffer.

Thursday, November 21, 2019 04:00pm - 06:00pm

Heinzel Seminar Room / Office Bldg West (I21.EG.101)



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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