



## Mathematics and CS Seminar

# Dilute Bose and Fermi gases in one dimension

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Host: Robert Seiringer

The talk discusses joint work with Johannes Agerstov and Robin Reuvers deriving asymptotic formulas for the ground state energy of Bose and Fermi gases in one dimension. For the hard core gas the formula is exact and for the delta-function Lieb-Liniger gas it gives an exact lower bound.

**Thursday, January 13, 2022 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.