



Seminar/Talk

# Arbitrary harmonic functions as Bose-Einstein condensates

**Michiel De Wilde**

ISTA

Host: Robert Seiringer

Allow an ideal Bose gas to have any boundary condition. What kind of condensates are possible in the thermodynamic limit? We show that a suitable sequence of boundary conditions for the Laplacian features the appearance of an arbitrary number of condensates, described by arbitrary harmonic functions.

**Tuesday, March 24, 2026 04:15pm - 05:15pm**

Office Bldg West / Ground floor / Heinzel Seminar Room (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.

[www.ista.ac.at](http://www.ista.ac.at) | Institute of Science and Technology Austria | Am Campus 1 | 3400 Klosterneuburg