



## Seminar/Talk

# Geometry of quantum states

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Host: Maksym Serbyn

I will start by introducing geometry of mixed and pure states of arbitrary quantum system from the perspectives of quantum information. Then I show how quantum geometry can be used for studying quantum phases of matter and quantum phase transitions. I will also discuss some applications of quantum geometric quantities for non-equilibrium dynamics and related recent experiments.

**Thursday, November 8, 2018 11:00am - 12:00pm**

Big Seminar room Ground floor / 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.