

EINLADUNG

zum

HABILITATIONSVORTRAG

Dr. Daniel Bartl, M.Sc.

(Universität Wien, Fakultät für Mathematik)

“Statistical learning and statistical optimal transport”

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Abstract:

In this talk, we explore two areas of modern statistical analysis. First, we examine overparameterized statistical learning problems, which are central to modern machine learning. We illustrate how results on random matrices can be applied to prove recent breakthrough results concerning the benign effects of overparameterization in a simple setting.

In the second part, we turn to statistical challenges in applied optimal transport, with a focus on applications in generative models and barycenters. We will discuss both recent developments and ongoing challenges.

This talk is intended to be accessible to a broad audience, with no specialized background required.

**Freitag, 18. Oktober 2024
13:00 Uhr bis 13:45 Uhr
Besprechungszimmer 2, 2. OG.
Fakultät für Mathematik,
Oskar-Morgenstern-Platz 1**

**Michael Eichmair
Radu Bot**