Bachelorarbeiten Winter Semester 2026/27 - Ferrari

Here are some possible topics.

1. Parameter symmetry in perturbed GUE corners process and reflected drifted Brownian motions.
   `https://arxiv.org/pdf/1912.08671.pdf` (or cited article [PS21])
2. KPZ statistics of second class particles in ASEP via mixing.
   `https://arxiv.org/pdf/1911.09426`
3. Limits of Multilevel TASEP and similar processes.
   `https://arxiv.org/pdf/1206.3817`
4. Mixing times for the simple exclusion process in ballistic random environment.
   `https://arxiv.org/pdf/1806.03937`
5. Limit profile for the ASEP with one open boundary.
   `https://arxiv.org/pdf/2307.14941.pdf`
6. Interacting particle systems at the edge of multilevel Dyson Brownian motions.
   `https://arxiv.org/pdf/1409.2016`
7. Dyson's Brownian motion, intertwining and interlacing.
   `https://arxiv.org/abs/math/0509720`

For more information, contact me per email.