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HABILITATIONSVORTRAG

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**“Mixing and mixing rates for infinite measure preserving
systems”**

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Abstract: While the problem of mixing and mixing rates (decay of correlation) for finite measure preserving systems is a classic subject of ergodic theory, a rigorous approach to mixing and mixing rates for large classes of infinite measure preserving systems has been provided relatively recently.

In this talk I will outline the challenges in the infinite measure case and present the results obtained in various settings, stressing on the different challenges posed by each of the discussed settings.

**Mittwoch, 12. Juli 2017,
13:00 Uhr – 14:00 Uhr,**

**Fakultät für Mathematik,
HS 16, 2 OG.
Oskar-Morgenstern-Platz 1
1090 Wien**

Henk Bruin
Christian Krattenthaler