RTG Colloquium

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"Randomness in Dynamics and Arithmetics"

Abstract: We discuss some problems arising in Number Theory and the Theory of Dynamical Systems that exhibit random behavior. On the dynamical systems side, this involves analyzing statistical properties of groups actions. We shall discuss explicit estimates, capturing quasi-randomness, and explain how to use them to establish the Central Limit Theorem in dynamical and arithmetic settings.

Time: Tuesday, January 21th, 2020, 13:30 - 14:30 h
Place: SR 1.067, Kollegiengebäude Mathematik (20.30)

Common tea will be served at 14:30 h in room 1.058, Kollegiengebäude Mathematik (20.30).