### Wochenplan der Fakultät für Mathematik

| Montag, 6.1.2020 | **RTG 2131-Seminar**  
Karen Habermann, Sorbonne Université Paris (France), „A semicircle law and decorrelation phenomena for iterated Kolmogorov loops“ |
| Montag, 13.1.2020 | **RTG 2131-Seminar**  
Steffen Dereich, Münster, „A central limit theorem for averaged gradient descend in deep learning applications“ |
| Montag, 20.1.2020 | **RTG 2131-Seminar**  
Quan Shi, Mannheim, „Measure-valued diffusions with Poisson-Dirichlet stationary distributions“ |
| Montag, 27.1.2020 | **RTG 2131-Seminar**  
George Andriopoulos, Shanghai (China), „Scaling limits of random walks in random environments on trees and related parameters“ |
| Mittwoch, 8.1.2020 | **Basic Notion Seminar**  
Jorret Bley, RUB, „Kempf-Ness Theory“  
*Abstract:* We will introduce a Theorem by Kempf and Ness that connects the theory of GIT-quotients by complex reductive groups and the theory of geometric quotients by the maximal compact subgroup. Then we will discuss how this is used in the theory of Hamiltonian group actions on Kähler manifolds. |
| Mittwoch, 29.01.2020 | **Kolloquium Algebra Geometrie Kombinatorik**  
Eric Opdam, Universiteit van Amsterdam, „Square integrable hypergeometric functions for root systems“ |