

The Borel Reducibility Hierarchy (University of Vienna, Supervisor: B. Miller)

The primary focus of the project is upon the definable cardinals just beyond \aleph_1 . In the realm of countable Borel equivalence relations, many of the underlying techniques come from ergodic-theoretic rigidity arguments, and have strong connections to Borel and measurable combinatorics. Beyond the countable Borel equivalence relations, the primary techniques concern graph-theoretic dichotomies, and have strong connections to dichotomy and basis theorems for much more general definable structures.

Applications have to be sent via the Job Center of the University of Vienna at the [Reference number 10411](#). The deadline for application is **March 5, 2020**.