ESI
**The Erwin Schrödinger International
Institute for Mathematical Physics**

Boltzmanngasse 9/2
A-1090 Vienna, Austria

ZVR 298034776

ESI MAY SEMINAR in NUMBER THEORY
May 3 – May 8, 2010
organized by: Joachim Schwermer (University of Vienna, ESI)

Monday, May 3

08:30	-	09:30	REGISTRATION
09:30	-	10:30	EMANUEL KOWALSKI Sieve Methods and Some Recent Applications
11:00	-	12:00	NEVEN GRBAC Eisenstein Series in Arithmetic and Geometry
15:00	-	16:00	DAVID MASSER Unlikely Intersections
16:00	-	16:30	COFFEE
16:30	-	17:30	ROBERT TICHY Metric Discrepancy Theory

Tuesday, May 4

09:30	-	10:30	EMANUEL KOWALSKI Sieve Methods and Some Recent Applications
10:30	-	11:00	COFFEE
11:00	-	12:00	NEVEN GRBAC Eisenstein Series in Arithmetic and Geometry
15:00	-	16:00	DAVID MASSER Unlikely Intersections
17:00	-	18:00	ESI-LECTURE BY ZEEV RUDNICK

Wednesday, May 5

09:30	-	10:30	JÜRGEN ROHLFS Arithmetic Formulas for Topological Invariants of Modular Varieties
11:00	-	12:00	EMANUEL KOWALSKI Sieve Methods and Some Recent Applications
12:00			…SETTING ASIDE MATHEMATICS

Thursday, May 6

09:30	-	10:30	EMANUEL KOWALSKI
			Sieve Methods and Some Recent Applications

11:00	-	12:00	ROBERT TICHY
			Additive Unit Representations

15:00	-	16:00	ZEEV RUDNICK
			Topics in Arithmetic Quantum Chaos

16:00	-	16:30	COFFEE

16:30	-	17:30	NEVEN GRBAC
			Eisenstein Series in Arithmetic and Geometry

Friday, May 7

09:30	-	10:30	ZEEV RUDNICK
			Topics in Arithmetic Quantum Chaos

11:00	-	12:00	NEVEN GRBAC
			Eisenstein Series in Arithmetic and Geometry

15:00	-	16:00	DAVID MASSER
			Unlikely Intersections

16:00	-	16:30	COFFEE

16:30	-	17:30	JOACHIM SCHWERMER
			On the Cohomology of Arithmetically Defined Groups and Automorphic Forms

All lectures take place in the ESI Schrödinger Lecture Hall.