

Elfter Karlsruher Weihnachtsworkshop zur Geometrie und Zahlentheorie

December 18 to 20, 2013

Program

Wednesday, December 18

- 9:30 Reception Tea in the Allianz building, room 5C-01.1
- 10:00 – 11:00 Holger Reich (Berlin) *GL(n, Z) and Algebraic K-Theory*
- 11:15 – 12:15 Moritz Rodenhausen (Warwick) *Centralisers of polynomially growing automorphisms of free groups*
- L u n c h b r e a k
- 14:00 – 15:00 Stefan Kühnlein (Karlsruhe) *How many well-rounded lattices does a lattice contain?*
- 15:15 – 16:15 Michael Fütterer (Heidelberg) *p-adic L-functions for families and non-commutative Iwasawa theory*
- 16:45 – 17:45 Ralf Lehnert (Frankfurt) *On the critical exponent of infinitely generated Veech groups*

Thursday, December 19

- 08:45 – 09:45 Tom Harris (Southampton) *Algebraic K-theory done algebraically*
- 10:15 – 11:15 Gebhard Böckle (Heidelberg) *Modular parameterization and multiplicative integrals over function fields*
- 11:30 – 12:30 Myriam Finster (Karlsruhe) *Veech Groups and Translation Coverings*

L u n c h b r e a k

14:00 – 15:00	Gavril Farkas (Berlin)	<i>A uniformization for the moduli space of abelian varieties of dimension 6.</i>
15:15 – 16:15	Hugo Parlier (Fribourg)	<i>Systolic inequalities and kissing numbers for surfaces</i>
16:45 – 17:45	Martin Möller (Frankfurt)	<i>Shimura curves in the hyperelliptic locus</i>
from 19:00	Weihnachtsfeier	in room 5C-01.1

Friday, December 19

09:15 – 10:15	Michael Walter (Zürich)	<i>Quantum entropies and representation theory</i>
10:45 – 11:45	Hendrik Kasten (Heidelberg)	<i>Twisting Siegel Eisenstein series</i>
12:00 – 13:00	David Torres (Madrid)	<i>Beauville surfaces and surfaces isogenous to a product</i>

All talks will take place in **Seminarraum 1C-03** in the Allianzgebäude am Kronenplatz (building 05.20). Address: Allianzgebäude, Kaiserstraße 89-93, 76133 Karlsruhe

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