

Zwölfter Karlsruher Weihnachtsworkshop zur Geometrie und Zahlentheorie

December 17 to 19, 2014

Program

Wednesday, December 17

- 9:30 Reception Tea in the Allianz building, room 5C-01.1
- 10:00 – 11:00 Anke Pohl (Göttingen) *Sup-norm bounds for Siegel-Maass forms*
- 11:15 – 12:15 Jonathan Zachhuber (Frankfurt) *Orbifold points
on Prym-Teichmüller curves*

L u n c h b r e a k

- 14:00 – 15:00 Quentin Gendron (Frankfurt) *The ugly compactification of the
moduli space of Abelian differentials*
- 15:15 – 16:15 Elise Goujard (Bonn) *Counting closed geodesics on flat surfaces*
- 16:45 – 17:45 Anja Randecker (Karlsruhe) *Wild singularities of translation surfaces
and their rotational components*

Thursday, December 18

- 08:45 – 09:45 Manish Mishra (Heidelberg) *On the adjoint group action and the R -groups
in the Local Langlands correspondence*
- 10:15 – 11:15 Siegfried Böcherer (Mannheim) *On denominators of values of L -series*
- 11:30 – 12:30 Joe Tait (Southampton) *The algebraic de Rham cohomology of
hyperelliptic curves in positive characteristic*

L u n c h b r e a k

14:00 – 15:00	Dierk Schleicher (Bremen)	<i>Hausdorff dimension in transcendental dynamics</i>
15:15 – 16:15	Petra Schwer (Karlsruhe)	<i>Geometric properties of buildings entfällt</i>
15:15 – 16:15	Bernhard Köck (Southampton)	<i>Equivariant Euler characteristics and ε-constants of curves over finite fields – some wild stuff</i>
16:45 – 17:45	Martin Möller (Frankfurt)	<i>Modular embeddings and twisted modular forms</i>
from 19:00	Weihnachtsfeier	in the jubez-café

Friday, December 19

09:15 – 10:15	Werner Thumann (Karlsruhe)	<i>Operad groups – A new class of Thompson-like groups</i>
10:45 – 11:45	Daniele Alessandrini (Heidelberg)	<i>Thurston's asymmetric metric for unusual surfaces</i>
12:00 – 13:00	Louis Funar (Grenoble)	<i>Finite quotients of mapping class groups</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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