

Sophus Lie Colloquium

Wednesday, December 13, 2017

- 15:00 – 16:00 Konrad Schmüdgen (Leipzig): *Lie in Leipzig*
Coffee/Tea
- 16:30 – 17:30 Henrik Schlichtkrull (Copenhagen): *Lie groups, symmetric spaces and beyond*

Seminar Sophus Lie

Thursday, December 14, 2017

- 08:30 – 09:00 *Registration*
- 09:00 – 10:00 Henrik Schlichtkrull (Copenhagen): *Discrete series for real spherical spaces*
Coffee/Tea
- 10:30 – 11:30 Jan Frahm (Erlangen):
Symmetry breaking operators for strongly spherical reductive pairs
- 11:40 – 12:40 Felix Pogorzelski (Leipzig): *Quasicrystals beyond abelian groups*
Lunch
- 14:30 – 15:30 Lorenz Schwachhöfer (Dortmund):
Fröhlicher-Nijenhuis cohomology for manifolds with parallel forms
Coffee/Tea
- 16:00 – 17:00 Ines Kath (Greifswald): *Compact quotients of Cahen-Wallach spaces*
- 17:10 – 18:10 Christian Jaeckel (Sao Paulo/Erlangen):
From modular localization to relativistic quantum physics
- 19:00 *Conference Dinner, Alte Nikolaischule, Nikolaikirchhof 2*
(on the basis of individual payment, please register)

Friday, December 15, 2017

- 09:00 – 10:00 Johannes Huebschmann (Lille): *Lie-Rinehart algebras and Atiyah class*
Coffee/Tea
- 10:30 – 11:30 Anke Pohl (Jena): *Bounds for elementary spherical functions*
- 11:40–12:40 Jasmin Matz (Jerusalem):
Analytic torsion for congruence quotients of $SL(n, \mathbb{R})/SO(n)$

Location: Felix-Klein Lecture Hall, Paulinum P 501 (5.floor)
Department of Mathematics, Leipzig University, Augustusplatz 10

Organizers: Tobias Finis, Hans-Bert Rademacher, Konrad Schmüdgen

www.math.uni-leipzig.de/~rademacher/SophusLie/52SophusLie.html