

40th meeting of "Seminar Sophus Lie"

Castle Rauschholzhausen, January 7–8, 2011



Organizers: Ilka Agricola
István Heckenberger
Pablo Ramacher

Plenary speakers: Miroslav Engliš (Prague)
Yury Neretin (Moscow)
Michael Pevzner (Aarhus)
Martin Schlichenmaier (Luxemburg)
Genkai Zhang (Göteborg)

Programme

Friday, 07.01. 2010

09:00 – 09:50 Bent Ørsted (Aarhus)

Universal principles for Kazdan-Warner type identities

10:00 – 10:30 coffee break

10:30 – 11:20 Martin Schlichenmaier (Luxembourg)

Almost-graded central extensions of Lax operator algebras

11:30 – 12:10 Jing Naihuan (North Carolina State Univ.)

McKay correspondence for 2-parameter quantum affine algebras

lunch break

14:00 – 14:50 Genkai Zhang (Göteborg)

Invariant Kähler metrics and Laplace- Beltrami operators on Siegel-Jacobi spaces

15:00 – 15:40 Hideyuki Ishi (Nagoya)

Kähler coordinates for a homogeneous bounded domain

15:50 – 16:20 coffee break

16:20 – 17:00 Andreas Arvanitoyeorgos (Patras)

Recent progress on homogeneous Einstein metrics on generalized flag manifolds

19:00

Prof. Harald Upmeyer and his wife cordially invite all participants to a Conference dinner (buffet & music) on the occasion of his 60th birthday.

Saturday, 08. 01. 2010

9:00 - 9:50 Michael Pezvner (Reims)

Geometric analysis of minimal representations

10:00 - 10:30 coffee break

10:30 - 11:20 Yury Neretin (Vienna / Moscow)

Multioperator colligations and their characteristic functions

11:30 - 12:10 Miroslav Englis (Prague)

Peter-Weyl decomposition of Toeplitz quantizations

lunch break

14:00 - 14:40 Wolfgang Bertram (Nancy)

On Jordan-Lie algebras

14:50 - 15:30 Michel Goze (Mulhouse)

Deformations of Lie algebras and Poisson algebras

15:40 – 16:00 coffee break

16:00 - 16:40 Christoph Wockel (Hamburg)

Cohomology theories for Lie groups

17:00 bus departing at Castle main entrance

18:00 dinner (if booked)

Participants

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