

Program

Workshop on Lie Groups and Algebraic Groups July 24 - 26, 2010

All talks take place in the "Common Room", V3-201.

Saturday, July 24th, 2010

- 09:00 - 10:00 **A. Rapinchuk**, Charlottesville
"On division algebras having the same maximal subfields"
- 10:10 - 11:10 **D. Poguntke**, Bielefeld
" G -prime ideals in \mathcal{L}^1 -convolution algebras of nilpotent Lie groups"
- 11:30 - 12:30 **J. Hilgert**, Paderborn
"Wigner and Patterson-Sullivan distributions for locally symmetric spaces"
- 12:30
"Lunch Break"
- 15:30 - 16:30 **E. B. Vinberg**, Moscow
"Quartic surfaces and automorphic forms on symmetric domains of type IV"
- 16:40 - 17:40 **M. Kapovich**, UC Davis
"Lie theory for noncrystallographic dihedral groups"

Sunday, July 25th, 2010

- 09:00 - 10:00 **G. Soifer**, Tel Aviv
"The Auslander conjecture (joint work with H. Abels and G. A. Margulis)"
- 10:10 - 11:10 **H. Abels**, Bielefeld
"Less than two generators suffice (joint work with Ernest B. Vinberg)"
- 11:30 - 12:30 **W. Hoffmann**, Bielefeld
"Induced conjugacy classes and applications"
- 12:30
"Lunch Break"
- 15:30 - 16:30 **W. de Graaf**, Trento
"Constructing semisimple subalgebras of semisimple Lie algebras"
- 16:40 - 17:40 **J. Möllers**, Paderborn
"Minimal representations of conformal groups and generalized Laguerre functions"

Monday, July 26th, 2010

- 09:00 - 10:00 **D. I. Panyushev**, Moscow
"Quotients by actions of the derived group of a maximal unipotent group"
- 10:10 - 11:10 **O. Yakimova**, Erlangen
"Good index behaviour of θ -representations"
- 11:30 - 12:30 **I. V. Arzhantsev**, Moscow / Tübingen
"Equivariant compactifications of commutative unipotent groups"
- 12:30
"Lunch Break"
- 15:30 - 16:30 **G. Fourier**, Cologne
"Another basis and pattern for irreducible A_n modules"