

Transformation Groups and Associated Geometric Structures

Herbert Abels 70th birthday conference

SCHEDULE OF EVENTS

All talks will be held in H15

Thursday, June 2

- 1:00 - 1:50pm Registration (in the vicinity of H15)
- 1:50 - 2:00pm Opening, organizational announcements
- 2:00 - 2:45pm **Gregory Margulis** (Yale University) *On some topics related to collaboration with Herbert Abels*
- 3:00 - 3:45pm **Robert Bieri** (University of Frankfurt) *Horospherical limit sets of modules over CAT(0)-groups*
- 3:45 - 4:15pm Coffee break
- 4:15 - 5:00pm **Yves Benoist** (Université Paris-Sud) *Recurrence on homogeneous spaces*

Friday, June 3

Morning Session

- 9:30 - 10:00am Coffee
- 10:00 - 10:45am **Richard Weiss** (Tufts University) *The local structure of a Bruhat-Tits building*
- 11:00 - 11:45am **Bertrand Rémy** (University of Lyon) *Quasi-isometry classes of twin building lattices*

LUNCH BREAK

Friday, June 3

Afternoon Session

- 2:00 - 2:30pm Coffee
- 2:30 - 3:15pm **William Goldman** (University of Maryland) *Proper affine actions and the Auslander-Milnor Conjecture*
- 3:30 - 4:15pm **Shahar Mozes** (the Hebrew University of Jerusalem) *Simple groups without lattices*
- 4:15 - 4:45am Coffee break
- 4:45 - 5:30pm **Tsachik Gelander** (the Hebrew University of Jerusalem) *On the growth of Betti numbers of arithmetic groups*
- 6:00 - 9:00pm CONFERENCE DINNER – IBZ

Saturday, June 4

- 9:00 - 9:30am Coffee
- 9:30 - 10:15am **Mark Sapir** (Vanderbilt University) *Aspherical groups and manifolds with extreme properties*
- 10:30 - 11:15am **Kevin Wortman** (University of Utah) *Filling coarse manifolds in arithmetic groups*
- 11:15 - 11:45am Coffee break
- 11:45 - 12:30am **Yves de Cornulier** (Université Paris-Sud) *Compact presentability of p -adic groups (after Abels)*

Afternoon – free time / hike to Habichtshöhe

Sunday, June 5

- 9:00 - 9:30am Coffee
- 9:30 - 10:15am **Ernest Vinberg** (Moscow State University) *On algebras of automorphic forms on multidimensional symmetric domains of type IV*
- 10:30 - 11:15am **Ralf Gramlich** (University of Gießen) *Finiteness properties of S -arithmetic subgroups of almost simple algebraic groups over global function fields*
- 11:15 - 11:45am Coffee break
- 11:45 - 12:30am **Bernhard Mühlherr** (University of Gießen) *Polar regions in spherical buildings*