

## Sektion 1

### Algebra

**Anne Henke (Oxford), Steffen Koenig (Stuttgart), Gunter Malle (Kaiserslautern)**

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**Montag, 19. September****Hörsaalgebäude, Hörsaal D**

- 14:00 Shrawan Kumar (Chapel Hill)  
*Geometry of orbits of permanents and determinants*
- 15:00 Guido Pezzini (Erlangen)  
*A constructive approach to the classification of wonderful varieties*
- 15:30 Sebastian Herpel (Bochum)  
*On the smoothness of centralizers in reductive groups*
- 16:00h – 16:30h Pause**
- 16:30 Maurizio Martino (Bonn)  
*Partial KZ functors for Cherednik algebras*
- 17:30 Volodymyr Mazorchuk (Uppsala)  
*2-representations of finitary 2-categories*

**Dienstag, 20. September****Hörsaalgebäude, Hörsaal D**

- 14:00 Markus Linckelmann (Aberdeen)  
*On Hochschild cohomology of block algebras*
- 15:00 Susanne Danz (Oxford)  
*On the double Burnside ring of a finite group*
- 15:30 Christine Bessenrodt (Hannover)  
*Kronecker products of characters of the symmetric groups with few components*
- 16:00h – 16:30h Pause**
- 16:30 Ghislain Fourier (Köln)  
*Weyl modules and Schur positivity*
- 17:00 Florian Eisele (Aachen)  
*Liften von Algebren zu Ordnungen*
- 17:30 Gabriele Nebe (Aachen)  
*Extremale Gitter*

**Mittwoch, 21. September****Hörsaalgebäude, Hörsaal D**

- 14:00 Gerhard Hiß (Aachen)  
*Hecke algebras in representation theory*
- 15:00 Felix Noeske (Aachen)  
*Erzeugung von Hecke-Algebren*
- 15:30 Michael Cuntz (Kaiserslautern)  
*From Hopf algebras to toric varieties via the Weyl groupoid*

**16:00h – 16:30h Pause**

- 16:30 Bernhard Keller (Paris)  
*Quiver mutation and quantum dilogarithm identities*
- 17:30 Sarah Scherotzke (Paris)  
*Linear recurrence relations for cluster variables of affine quivers*
- 18:00 Philipp Lampe (Bielefeld)  
*Cluster algebras and quantum shuffles*

**Donnerstag, 22. September****Hörsaalgebäude, Hörsaal D**

- 14:00 Leonard Scott (Virginia)  
*New graded methods in representation theory*
- 15:00 Vanessa Miemietz (East Anglia, Norwich)  
*Homological algebras for  $GL_2$*
- 16:00h – 16:30h Pause**
- 16:30 Simon Riche (Clermont-Ferrand)  
*Constructible sheaves on affine Grassmannians and geometry of the dual group*
- 17:30 Catharina Stroppel (Bonn)  
*Convolution algebras and affine Schur algebras*