

# ***Algebraic Representation Theory***

Stuttgart, 23-25 July 2018

| <b>Monday 23</b><br><i>(Talks in Room V57.06)</i>   | <b>Tuesday 24</b><br><i>(Talks in Room V57.06)</i>  | <b>Wednesday 25</b><br><i>(Talks in Room V55.21)</i>  |
|---|---|---|
| 08:30-09:15 Registration / Coffee in 7.527 and 7.531  | Coffee in 7.531   | Coffee in 7.531   |
| 9:20 Welcome (V57.06)   | 9:00-9:50 Kleshchev II<br>Blocks of symmetric groups, generalized Schur algebras, and KLR algebras                    | 9:00-9:50 Kleshchev III<br>Blocks of symmetric groups, generalized Schur algebras, and KLR algebras |
| 9:30-10:20 Kleshchev I<br>Blocks of symmetric groups, generalized Schur algebras, and KLR algebras  | 10:00-10:50 Fang<br>Jantzen filtration of Weyl modules in type A and Young's seminormal basis for dual Specht modules | 10:00-10:50 Hu<br>Grassmannian, symmetric functions and cyclotomic nilHecke algebras                |
| 10:30-11:20 Erdmann<br>Homological algebra of Iwahori-Hecke algebras                                | 11:00-11:30 Santana<br>Projective resolutions of Weyl modules for Schur algebras                                      | 11:05-11:55 Donkin<br>Lie modules and double centralisers   |
| 11:30-12:00 Geranios<br>New Families of Decomposable Specht Modules                                 | 11:40-12:10 Yudin<br>Representation type of Borel-Schur algebras  | 12:15-13:05 Nakano<br>Complexity and support varieties for Hecke algebras                           |
| Lunch break /Coffee in 7.531  | Lunch break /Coffee in 7.531  | Lunch break / Coffee in 7.531   |
| 14:00-14:50 Knop<br>The dual group of a spherical variety   | 14:00-14:50 Mazorchuk<br>Simple transitive 2-representations of projective bimodules over associative algebras        |   |
| 15:00-15:50 Wildon<br>The multistep homology of the simplex and representations of symmetric groups | 15:00-15:50 Miemietz<br>Analogues of centraliser subalgebras for fiat 2-categories                                    | Discussion room 7.527 available   |
| Coffee break  | Coffee break  |   |
| 16:30-17:00 Ackermann   | 16:30-17:00 Shchigolev<br>Categories of Bott-Samelson varieties   |   |
| 17:10-18:00 Mathas<br>Cyclotomic tensor space and Fayers' conjecture                                | 17:10-18:00 Stroppel<br>Standardly stratified algebras and tilting - "rediscovered"                                   |   |
| Conference dinner   | Walk (when weather permits)   |   |

Registration takes place in room 7.527 (7th floor); Welcome and lectures take place in room 57.06 (ground floor) and 55.21 (Pfaffenwaldring 55); Coffee breaks take place in rooms 7.531 and 7.527 (7th floor).