

Representation Theory of Symmetric Groups and Related Topics

All talks will be held in lecture room 48-208, which is located on the ground floor of building 48; please see the following campus map for directions:

<http://www.mathematik.uni-kl.de/fileadmin/fb/map/TU-Lageplan.pdf>

Coffee breaks will take place in room 48-438.

There will be a conference dinner on Tuesday evening in the restaurant *Spinnrädle*:

<http://www.spinnraedl.de/>

Monday, 15th February 2016

13:45		<i>welcome</i>
14:00–14:45	M. Fayers	Irreducible spin representations of symmetric groups that remain irreducible in characteristic 2
15:00–15:45	A. Kleshchev	Stratifying Khovanov–Lauda–Rouquier algebras
		<i>coffee break</i>
16:15–17:00	J.B. Gramain	Towards the Kessar-Schaps Conjecture
17:15–18:00	A. Evseev	KLR algebras and RoCK blocks

Tuesday, 16th February 2016

9:00–9:45	S. Donkin	Some remarks on a Theorem of Gwendolene Murphy on Specht modules for hook partitions
		<i>coffee break</i>
10:15–11:00	J. Chuang	Decomposition numbers and tilings
11:15–12:00	D. Hemmer	Complexity of symmetric group modules — the state of affairs
		<i>lunch break</i>
13:30–14:15	M. Wildon	Generalized Foulkes modules and maximal and minimal constituents of plethysms
14:30–15:15	K. Erdmann	Representations of n -part factor algebras of $K\Sigma_r$
		<i>coffee break</i>
15:45–16:15	H. Geranios	Invariants of Specht modules
16:30–17:15	K.M Tan	Signed permutation modules
19:30		<i>Conference Dinner</i>

Wednesday, 17th February 2016

9:15–9:45	C. Bowman	The co-Pieri rule for Kronecker coefficients
		<i>coffee break</i>
10:15–11:00	C. Bessenrodt	On Kronecker products and skew Schur functions
11:15–11:45	H. Ellers	Specht modules and simple modules for centralizer algebras of the symmetric group
12:00–12:45	M. Geck	The Steinberg representation and the Mullineux involution