

Programme of the conference
 REPRESENTATIONS OF ALGEBRAIC GROUPS AND RELATED OBJECTS
 Friedrich Schiller University Jena, 8–12 September 2014

Monday 8.9.

Time	Speaker	Title
09:00-09:05		Welcome
09:05-10:05	Karin Erdmann	<i>On Borel Schur algebras</i>
10:05-10:30		Coffee Break
10:30-11:30	Stephen Doty	<i>Schur-Weyl duality over finite fields</i>
11:45-12:45	Alison Parker	<i>Bounding and unbounding cohomology for algebraic groups</i>
		Lunch
14:30-15:30	Gwyn Bellamy	<i>Counting resolutions of symplectic quotient singularities</i>
15:30-16:00		Coffee Break
16:00-17:00	Amiram Braun	<i>Factoriality for the reductive Zassenhaus variety and quantum enveloping algebra</i>

Tuesday 9.9.

Time	Speaker	Title
09:00-10:00	Shrawan Kumar	<i>The multiplicative eigenvalue problem and deformed quantum cohomology</i>
10:00-10:30		Coffee Break
10:30-11:30	Carl Mautner	<i>Modular representation theory of hypertoric varieties</i>
11:45-12:45	Simon Riche	<i>Koszul duality for modular perverse sheaves on flag varieties</i>
		Lunch
14:30-15:10	Ralf Koehl	<i>Finite-dimensional representations of maximal compact subalgebras of split real Kac-Moody algebras</i>
15:10-15:40		Coffee Break
15:40-16:20	Michael Bate	<i>Some results of Luna in positive characteristic</i>
16:25-17:05	Magdalena Boos	<i>Parabolic conjugation on varieties of nilpotent matrices</i>

Wednesday 10.9.

Time	Speaker	Title
09:00-10:00	Giovanna Carnovale	<i>Lusztig's correspondence for spherical conjugacy classes</i>
10:00-10:30		Coffee Break
10:30-11:30	Dmitriy Rumynin	<i>D-Modules on Projective Stacks</i>
11:45-12:45	Stephen Donkin	<i>Composition factors of a tensor product of truncated symmetric powers</i>
		Lunch and a walk

Thursday 11.9.

Time	Speaker	Title
09:00-10:00	Gunter Malle	<i>Decomposition numbers and Lusztig induction</i>
10:00-10:30		Coffee Break
10:30-11:30	Daniel Nakano	<i>On good (p,r)-filtrations for rational G-modules</i>
11:45-12:45	Fabio Gavarini	<i>From super Harish-Chandra pairs to affine supergroups</i>
		Lunch
14:30-15:10	Anton Evseev	<i>Graded Cartan invariants of symmetric groups</i>
15:10-15:40		Coffee Break
15:40-16:20	David Stewart	<i>Smoothness of normalisers</i>
16:25-17:05	Adam Thomas	<i>Non-G-completely reducible subgroups in exceptional algebraic groups in good characteristic</i>

Friday 12.9.

Time	Speaker	Title
09:00-10:00	Wolfgang Soergel	<i>Unicity of grading of category O</i>
10:00-10:30		Coffee Break
10:30-11:30	Paolo Papi	<i>Covariants in the exterior algebra of a simple Lie algebra</i>
11:35-12:35	Brian Parshall	<i>Some new results/conjectures on the representation/cohomology theory of semisimple groups in positive characteristic</i>