

Monday, Sept 8

Workshop on Diagram Algebras

September 8-12, 2014,
Stuttgart

arrival

13:00–14:00
welcome / registration

14:00 Opening

14:05–14:55 **Lehrer**
The second fundamental theorem of
invariant theory, old new and super

15:05–15:30 **Geetha**
The alternating Schur algebra

coffee

16:10–16:35 **Bowman**
The representation theory of partition algebras

16:45–17:10 **King**
On the decomposition matrix of the
partition algebra in positive characteristic

Tuesday, Sept 9

9:00– 9:50 **Enyang**
The radical of the Brauer algebra

10:00–10:25 **Nguyen**
A cellular basis of q -Brauer algebras

coffee

11:05–11:30 **Benner**
Permutation modules for cellularly stratified
diagram algebras

11:40–12:20 **Li**
A KLR Grading of the Brauer algebras

lunch

15:30–16:20 **Cohen**
Brauer algebras of Dynkin type

coffee

17:00–17:40 **Wagner**
Markov traces on the
Birman-Murakami-Wenzl algebras

Wednesday, Sept 10

9:00– 9:50 **Ram**
Affine and degenerate affine BMW algebras

10:00–10:25 **Shalile**
Decomposition numbers of Brauer algebras
via Jucys-Murphy elements

coffee

11:05–11:30 **Alharbat**
Classification of affine fully commutative elements
and affine Temperley-Lieb algebras

11:40–12:20 **Daugherty**
Representation theory of the two-boundary
Temperley-Lieb algebra

lunch

15:00–15:50 **Sartori**
A web diagram algebra for categorifying $gl(1|1)$

coffee

16:30–17:20 **Wenzl**
Centralizer algebras for spinor representations

18:30 **Conference Dinner**

Thursday, Sept 11

9:30– 10:20 **Thiel**
Diagrammatic categorification

coffee

11:05–11:30 **Meinel**
The center of the affine nilTemperley-Lieb algebra

11:40–12:20 **East**
Idempotent generation in partition monoids

lunch

15:30–16:20 **Goodman**
Cellular bases of algebras with a
Jones basic construction

coffee

17:00–17:40 **Gainutdinov**
Affine Temperley-Lieb algebra at roots of unity
and logarithmic conformal field theory

welcome / registration in 7.527 (7th floor)
lectures in V 57.02 (ground floor)
coffee breaks in 7.531 (7th floor)
computer access in 7.333 and 7.539 (7th floor)

Friday, Sept 12

9:00– 9:50 **Ryom-Hansen**
Gradings on the Temperley-Lieb
and the blob-algebra

10:00–10:25 **Stoll**
A cell filtration of mixed tensor space I

coffee

11:05–11:30 **Werth**
A cell filtration of mixed tensor space II

11:40–12:30 **Stroppel**
Quantum symmetric pairs and categorification

departure

