

Representation Theory and Symplectic Singularities

4th-8th April 2016, Edinburgh

Timetable

Monday 4th

9.50-10.00am *Opening remarks*

10.00-11.00am *Stephen Donkin*, Injective Schur Modules

11-11.30am **Coffee**

11.30-12.30pm *Alexey Sevastyanov*, An explicit description of Poisson q-W algebras and their quantization

1pm: **Lunch**

3.00-4.00pm *Donna Testerman*, Multiplicity free actions of simple algebraic groups

4.15-5.15pm *Simon Goodwin*, Minimal dimensional modules for reduced enveloping algebras for \mathfrak{gl}_n

5.30pm: **Drinks reception**

Tuesday 5th

9.00-10.00am *Michel Brion*, Commutative algebraic groups up to isogeny

10.15-11.15am *Oksana Yakimova*, Polynomiality condition for rings of symmetric invariants

11.15-11.45am **Coffee**

11.45am-12.45pm *Dmitriy Rumynin*, Localisation for Kac-Moody Groups

1pm: **Lunch**

3.00-4.00pm *Claudio Procesi*, New and old trends in PI theory

4.15-5.15pm *Georgia Benkart*, McKay-Steinberg Dynamics

7pm: **Conference dinner**

Wednesday 6th

9.00-10.00am *David Stewart*, Maximal subalgebras of exceptional Lie algebras

10.15-11.15am *Ivan Losev*, Deformations of symplectic singularities and the orbit method

11.15-11.45am **Coffee**

11.45am-12.45pm *Tomoyuki Arakawa*, Deligne exceptional series, Feigin-Frenkel conjecture and W-algebras

Thursday 7th

9.00-10.00am *Victor Ginzburg*, Indecomposable objects and potentials over a finite field

10.15-11.15am *Vera Serganova*, New tensor categories related to orthogonal and symplectic groups and the strange supergroup $P(\infty)$

11.15-11.45am **Coffee**

11.45am-12.45pm *Serge Skryabin*, Variation of numeric invariants in a flat family of finite dimensional algebras

1pm: **Lunch**

3.00-4.00pm *Henning Haahr Andersen*, Tilting modules for algebraic groups and applications

4.15-5.15pm *Sasha Kleshchev*, Khovanov-Lauda-Rouquier algebras and blocks of Hecke algebras

Friday 8th

9.00-10.00am *Eric Friedlander*, Support varieties for linear algebraic groups

10.15am-11.15 *Rolf Farnsteiner*, Indecomposable modules of domestic group schemes

11.15-11.45am **Coffee**

11.45am-12.45pm *Helmut Strade*, Alexander Premet and the Classification of simple modular Lie algebras

1pm: **Lunch/departure**