

Geometric Representation Theory

Monday

- 9:15 - 10:15: Pavel Etingof
D-modules on Poisson varieties, Poisson homology, and symplectic resolutions
 - 10:45 - 11:45: Travis Schedler
Poisson-de Rham homology of cones and special polynomials
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- 17:00 - 18:00: Wolfgang Soergel
Unicity of the grading of category \mathcal{O}
 - 18:15 - 19:15: Geordie Williamson
Global and local Hodge theory of Soergel bimodules

Tuesday

- 9:00 - 10:00: Daniel Juteau
Finite dimensional representations of Cherednik algebras: a necessary condition
 - 10:00 - 11:00: Ivan Losev
Derived equivalences for Cherednik algebras
 - 11:30 - 12:30: Peng Shan
Koszulity for category \mathcal{O} of affine Lie algebras and rational Cherednik algebras
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- 17:00 - 18:00: Victor Ginzburg
Counting indecomposables over a finite field
 - 18:30 - 19:30: Michel Broué (special public talk)
Les mathématiques ? Ça va vous surprendre

Wednesday

- 9:15 - 10:15: Laura Rider
Modular representation theory and the geometric Satake equivalence
 - 10:45 - 11:45: Simon Riche
Geometric Koszul duality for modular perverse sheaves on flag varieties
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- 17:00 - 18:00: Kevin McGerty
Morse theory decomposition for categories of \mathcal{D} -modules on stacks
 - 18:15 - 19:15: Sergey Arkhypov
Braid group action on equivariant matrix factorizations

Thursday

- 9:15 - 10:15: Kobi Kremnitzer
Analytic geometry and representation theory

- 10:45 - 11:45: David Jordan
Quantizing character varieties via 4D TFT
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- 17:00 - 18:00: Sam Gunningham
A conceptual approach to the generalized Springer correspondence

- 18:15 - 19:15: David Ben-Zvi
Elliptic Character Sheaves
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- 19:30 - . . . : Barbecue
Swordfish, salad, potatoes, wine,...