

Center for Mathematics at Notre Dame

INTERNATIONAL CONFERENCE ON GEOMETRIC REPRESENTATION THEORY AND SYMPLECTIC VARIETIES

Monday June 25 - Friday June 29, 2018

University of Notre Dame

SCHEDULE

**All talks will be held in 127 Hayes-Healy and Coffee Breaks/Registration in 257 Hurley*

Monday, June 25, 2018

8:30am – 9:30am	Continental Breakfast & Registration
9:30am – 10:30am	Balibanu, <i>The partial compactification of the universal centralizer</i>
10:30am – 11:00am	Break
11:00am – 12:00pm	Schedler, <i>Holonomic Poisson manifolds and deformations of elliptic algebras</i>
12:00pm – 2:00pm	Lunch
2:00pm – 3:00pm	Mirkovic, <i>Loop Grassmannians of quivers</i>
3:00pm – 3:30pm	Break
3:30pm – 4:30pm	Kulkarni, <i>A combinatorial Fourier transform for quiver representation varieties in type A</i>

Tuesday, June 26, 2018

8:30am – 9:30am	Continental Breakfast
9:30am – 10:30am	Ginzburg, <i>Differential operators on G/U and the Gelfand-Graev action</i>
10:30am – 11:00am	Break
11:00am – 12:00pm	Cliff, <i>On the Kirwan map for moduli stacks of G-Higgs bundles</i>
12:00pm – 2:00pm	Lunch
2:00pm – 3:00pm	Davison, <i>New Borchers algebras acting on the cohomology of Nakajima quiver varieties</i>
3:00pm – 3:30pm	Break
3:30pm – 4:30pm	Dobrovolska, <i>Toward a geometric realization for the rational Cherednik algebra in positive characteristic</i>

Wednesday, June 27, 2018

8:30am – 9:30am	Continental Breakfast
9:30am – 10:30am	Nadler, <i>Toric mutations</i>
10:30am – 11:00am	Break
11:00am – 12:00pm	Jin, <i>Fukaya categories of holomorphic symplectic manifolds and applications</i>
12:00pm – 2:00pm	Lunch
2:00pm – 3:00pm	Treumann, <i>Arboreal subquotients of foliations</i>
3:00pm – 3:30pm	Break
3:30pm – 4:30pm	Chen, <i>Affine Matsuki correspondence for sheaves</i>

Thursday, June 28, 2018

8:30am – 9:30am	Continental Breakfast
9:30am – 10:30am	Knutson, <i>Schubert calculus via quiver varieties</i>
10:30am – 11:00am	Break
11:00am – 12:00pm	Losev, <i>On equivariantly irreducible modular representations of a semisimple Lie algebra</i>
12:00pm – 2:00pm	Lunch
2:00pm – 3:00pm	Markman, <i>The Hodge conjecture for the generic abelian fourfold of Weil type with discriminant 1</i>
3:00pm – 3:30pm	Break
3:30pm – 4:30pm	Namikawa, <i>Symplectic singularities and nilpotent orbits</i>

Friday, June 29, 2018

8:30am – 9:30am	Continental Breakfast
9:30am – 10:30am	Kamnitzer, <i>Symplectic duality and the Hikita Conjecture</i>
10:30am – 10:45am	Break
10:45am – 11:45pm	Vasserot, <i>Cohomological Hall algebras of quivers, curves and surfaces</i>
11:45pm – 12:00pm	Break
12:00pm – 1:00pm	Williams, <i>The coherent Satake category</i>