

## **Michael Finkelberg**

*Irreducible equivariant perverse coherent sheaves on affine Grassmannians of type A and dual canonical bases*

S.Cautis and H.Williams identified the equivariant K-theory of the affine Grassmannian of  $GL(n)$  with a quantum unipotent cell of  $LSL(2)$ . Under this identification the classes of irreducible equivariant perverse coherent sheaves go to the dual canonical basis.

This is a joint work with Ryo Fujita.