

**Meeting:** 1001, , SIEDEL,

1001-00-4            **Paul Seidel\***, Imperial College-London and University of Chicago. *Khovanov homology and nilpotent slices.*

I will explain recent joint work with Ivan Smith, aimed at understanding the (symplectic) geometry behind Khovanov's knot invariants. The (conjectural) answer turns out to have a nice Lie-theoretic flavour. (Received May 13, 2003)