February 7: Sergei Loktev, "Towards double-affine Schubert cells." FOLLOWED BY DINNER.

Consider the Lie algebra of polynomials in several variables with values in a simple Lie algebra. For a given weight we introduce a variety equipped by an action of this Lie algebra with a certain universality property. In the case of one variable and simply laced values it coincides withthe corresponding Schubert cell in the affine Grassmann variety. We discuss geometry of this variety in two variable case.