Lecture 1:

**Derived symplectic varieties and the Darboux theorem.**

Abstract: I'll explain what a derived symplectic variety is, and a theorem (joint with Bouaziz) giving a normal form for derived symplectic varieties whenever certain obstructions vanish. (These obstructions always vanish locally).

Lecture 2:

**The moduli of anti-canonically marked del Pezzo surfaces.**

Abstract: I'll recall the classical theorem describing the above moduli space. This is well known to Mori theorists, but perhaps it is useful for representation theorists.