October 8: Vasiliy Dolgushev (MIT), "Equivariant Formality Theorem."

Kontsevich's formality theorem is known to give a solution of the deformation quantization problem for an arbitrary Poisson manifold. In my talk I will discuss equivariant version of the theorem which I have proved recently in `math.QA/0307212`. I will not try to explain my proof but instead I will give necessary background required for formulating the theorem and say a couple of words about applications of the theorem to quantization of coadjoint orbits and dynamical r–matrices.