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Quasi-Poisson geometry and Dirac structures

In this talk, I will explain how to define hamiltonian spaces with D/G-valued moment maps (where (D, G) is a group pair integrating a Manin pair) in terms of Dirac structures, and prove that this approach is equivalent to the original one of Alekseev and Kosmann–Schwarzbach based on quasi-Poisson geometry. I will explain how the two viewpoints complement one another and how they shed light on the theory of G-valued moment maps, in the sense of Alekseev, Malkin and Meinrenken.