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Wei Hong* (hong_w@whu.edu.cn), Wuhan, Hubei , Peoples Rep of China. *Poisson cohomology of holomorphic toric Poisson manifolds.*

A holomorphic toric Poisson manifold is a smooth toric variety, equipped with a holomorphic Poisson structure, which is invariant under the torus action. In this talk, we described the Poisson cohomology groups of holomorphic toric Poisson manifolds under some conditions. As a special case, we give the structures of Poisson cohomology groups of CP^n . (Received August 26, 2017)