

1116-16-1475 **Quanshui Wu*** (qswu@fudan.edu.cn), School of Mathematical Sciences, Fudan University,
Shanghai, 200433, Peoples Rep of China. *Modular derivations for Poisson algebras.*

In the talk, I will give a definition of modular derivations for smooth Poisson algebras and for Frobenius Poisson algebras. By using the modular derivation, a twisted Poicare duality holds betwteen the Poisson cohomology and homology. (Received September 20, 2015)