

# **On a Certain Generalization of Virasoro Constraints for Frobenius Manifolds**

Youjin Zhang

*Tsinghua University*

The speaker shows that the Virasoro operators associated to an arbitrary Frobenius manifold admit certain deformations which give additional constraints for the genus zero free energy of the Frobenius manifold. He will discuss applications of such additional constraints to the Virasoro constraints for Hodge integrals and to study of properties of the associated integrable hierarchy of KdV type.