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**Jinsong Liu\*** ([liujsong@math.ac.cn](mailto:liujsong@math.ac.cn)), Institute of Mathematics, AMSS, Chinese Academic of Sciences, Beijing, Beijing 100190, Peoples Rep of China, and **xiaojun huang** ([hxj@cqu.edu.cn](mailto:hxj@cqu.edu.cn)), University of Chongqing, ChongQing, Chongqing 401331, Peoples Rep of China. *Quasihyperbolic metric and Quasisymmetric mappings between metric spaces.*

In this talk we prove that the quasihyperbolic metric is quasi-invariant under a quasisymmetric mapping in the suitable metric space. Meanwhile, we also show that the quasi-invariant of the quasihyperbolic metric implies the quasiconformality. At the end, as an application of above theorems, we prove that the compose of two quasisymmetric mappings in metric spaces is a quasiconformal mapping.

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