1077-57-970 **Suhyoung Choi*** (shchoixk@gmail.com), Department of Mathematical Sciences, Yuseong-Gu Guseong, Daejeon, Daejeon 305-701, South Korea. *Open problems in real projective structures on low-dimensional orbifolds.*

We can think of orbifolds as finite-group quotients of manifolds here. The orbifolds form more computable examples. Geometric structures on orbifolds are simply invariant G-structures. A real projective structure on an orbifold is a locally euclidean geodesic structure on it; that is, it is a local modelling by open subsets of a real projective space, on each of which a finite group of projective automorphisms acts. I would like to talk about the open problems on 2- and 3-dimensional orbifolds and the real projective and affine structures on these. Along the way, I will give a survey of some relevant results obtained since 1950s. (Received September 15, 2011)