Minimality properties of hyperbolic Coxeter orbifolds
Ruth Kellerhals, Université de Fribourg

Hyperbolic Coxeter n-orbifolds are quotient spaces of $H^n$ by discrete groups generated by finitely many reflections. They are distinguished by various minimality properties. A famous example is $H^2$ modulo the triangle group $(2,3,7)$ which has minimal volume among ALL hyperbolic 2-orbifolds. We shall discuss similar minimality properties beyond the planar case.