

## Simple combinatorics and small volume hyperbolic space forms

I shall present a panoramic view to the small volume spectrum of hyperbolic space forms  $Q$  of higher dimensions. In the focus is the interplay of the combinatorial and geometrical structure of a polyhedral model of  $Q$  with the algebraic properties of the associated fundamental group. The goal is to explain the coincidence of extremality properties of some of the involved invariants.

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