1) Make the core C = S23xyz

2) Need C to satisfy: (a) ?? (b) ?? (c) ??

a) cocompact

f)=> b) simply connected

e) transverse properties ==> d) free => c) properly discontinuous action

3) Run Bieri dimension argument

(f)
cubeness ==> is a Tree of Spaces
1-dim fibers connected ===> 2D fibers QC (via Guirardel) => OC
connected + QC == guirardel ==> simply connected