Louise Hay Logic Seminar

Can the fundamental group of a space be the rationals?

Fanxin Wu (UIC)

Abstract: We discuss a result by Shelah that the fundamental group of a space that is "nice" enough must be either finitely generated or uncountable (actually of size continuum). Here "nice" means a compact metric space that is path connected and locally path connected. We follow Pawlikowski’s proof which only uses some basic descriptive set theory.

Thursday, November 4 at 4:00 PM in 636 SEO