Geometry of compact lifting spaces
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An inverse limit of a sequence of covering spaces over a given space X is not, in general, a covering space over X but is still a *lifting space*, i.e. a Hurewicz fibration with unique path lifting property. However, there are many other natural examples so it is hard to expect a classification theory of lifting spaces similar to that of covering spaces. In this talk we will present a characterization of a class of lifting spaces that is of particular interest, namely those that arise as inverse limits of finite coverings (resp. finite regular coverings).

This is joint work with Gregory Conner and Wolfgang Hefort