

## **Measure-theoretic rigidity for Mumford curves**

Janne Kool, Universiteit Utrecht

Measure-theoretic rigidity in the style of Mostow states that two compact Riemann surfaces of the same genus are isomorphic if and only if the "boundary map" associated to the uniformizations is absolutely continuous. In this talk we will formulate an analog for the non-Archimedean version of Riemann surfaces: Mumford curves. In this case, the mere absolute continuity of the boundary only implies isomorphism of the special fibers of the Mumford curves, and the absolute continuity needs to be enhanced by a finite list of conditions on the harmonic measures on the boundary (certain non-Archimedean distributions constructed by Schneider and Teitelbaum) to guarantee an isomorphism of the Mumford curves. This is joint work with Gunther Cornelissen.