Christopher J Leininger* (clein@illinois.edu), Champaign, IL, and Alan W Reid, Houston, TX. Pseudo-Anosov homeomorphisms not coming from branched covers. Preliminary report.

Franks-Rykken showed that a pseudo-Anosov homeomorphism with quadratic irrational stretch factor necessarily "comes from" a branched covers of a torus (see also Gutkin-Judge). In this talk, I'll explain why this doesn’t extend to the situation when the stretch factor has algebraic degree greater than 2, answering a question of Farb. (Received July 20, 2017)