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On knots with Seifert Fibered Dehn Surgeries

For a hyperbolic knot in S^3 there are only finitely many Dehn surgeries yielding non-hyperbolic manifolds. In this talk we will present an infinite family of (hyperbolic) knots admitting a Seifert-fibered Dehn surgery; these knots do not arise from the primitive/Seifert-fibered construction introduced by J. Dean a few years ago. The pretzel knot $(3, -3, 3)$ belongs to this family.

This is joint work with Mario Eudave-Muñoz.