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Christine Ruey Shan Lee* (rueyshan.lee@icloud.com) and **Roland van der Veen**. *The Slope Conjecture and 3-string pretzel knots*.

For $2 \leq n < \infty$, let $d(n)$ be the degree of the n th-colored Jones polynomial $J_K^n(q)$ of a knot K . Garoufalidis' Slope Conjecture predicts that the limit points of the set $\{\frac{4d(n)}{n^2} : n \geq 2\}$ correspond to boundary slopes of a knot. So far, the Conjecture has been verified for several classes of knots including adequate knots and points to interesting relationships between the quantum invariant and incompressible surfaces in a knot complement. We discuss the proof of the Slope Conjecture for a new class of 3-string pretzel knots using the Hatcher-Oertel algorithm. (Received July 31, 2015)