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**Paul Beirne\*** ([paul.beirne@ucdconnect.ie](mailto:paul.beirne@ucdconnect.ie)), 72 Oaktree Road, Merville, Stillorgan, Dublin, A94 TA44, Ireland. *Knot invariants and coefficient stability*.

In 2006, Dasbach and Lin observed stability in the coefficients of the  $N^{\text{th}}$  colored Jones polynomial for alternating knots. This observation and its consequences have sparked a flurry of activity in both number theory and quantum topology. For example, Garoufalidis, Le and Zagier conjectured identities which have a striking resemblance to those occurring in the classical setting of Rogers and Ramanujan. In this talk, we discuss these developments and a higher order stability formula for an infinite family of pretzel links. (Received September 09, 2019)