Algebra and Number Theory Seminar

Title: Knot invariants and coefficient stability

Speaker: Paul Beirne (UCD)

Date: Thu 3rd October 2019 at 2:00PM

Location: Seminar Room SCN 1.25

Abstract: In 2006, Dasbach and Lin observed stability in the coefficients of the Nth 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.

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