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Allison N. Miller* (allison.miller@rice.edu). *Amphichiral knots with large 4-genera.*

Many modern concordance invariants vanish on negative amphichiral knots, i.e. those knots which are isotopic to the reverse of their mirror image and hence have order (at most) two in the concordance group. Nevertheless, in this talk we will see that there are negative amphichiral knots with arbitrarily large 4-genera, as well as answering a question about the 4-dimensional clasp number of knots. (Received January 19, 2021)