**Upstate New York Online Number Theory Colloquium**

**Time and Date:** 12:00 pm EST August 31, 2020

**Speaker:** Dustin Clausen

**Title:** On the quadratic reciprocity law

**Abstract:** I'll describe a rather idiosyncratic proof of the quadratic reciprocity law. This talk can also be seen as a small introduction to algebraic K-theory and the use of homotopy theory in arithmetic.