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**Jason Cantarella\***, UGA Math Department, Athens, GA 30602, and **Harrison Chapman** and **Matt Mastin**. *Random Knot Diagrams*.

There has been increasing interest in using randomly generated diagrams to make constructions in knot theory. In this talk, we discuss results from a recent enumeration of all the knot diagrams with 10 and fewer crossings (about 1.6 billion diagrams). The data reveals some interesting features of the space of knot diagrams; for instance, a surprisingly large fraction of the low-crossing knot diagrams are “treelike” curves which are unknotted with any assignment of crossing information. (Received January 10, 2016)