1154-05-1914   **Daniel P Johnston*** (`djohnst1@skidmore.edu`) and **Puck Rombach**. *On Rainbow Turán Numbers of Paths and Other Trees.*

For a fixed graph F, we consider the maximum number of edges in a properly edge-colored graph on n vertices which does not contain a rainbow copy of F, that is, a copy of F all of whose edges receive a different color. This maximum, denoted by $ex^*(n; F)$, is the rainbow Turán number of F, and its systematic study was initiated by Keevash, Mubayi, Sudakov and Versträte [*Combinatorics, Probability and Computing* **16** (2007)]. In this talk, we look at previous results and explore the rainbow Turán number when F is a path or another tree. This is joint work with Puck Rombach. (Received September 16, 2019)