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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. (Received January 21, 2020)