1163-20-894   **Kasia Jankiewicz*** (`kasia@math.uchicago.edu`) and **Kevin Schreve**
(`kschreve@math.uchicago.edu`). *A generalization of the Tits conjecture on right-angled Artin subgroups of Artin groups.*

This is a joint work with Kevin Schreve. The Tits conjecture, proved by Crisp and Paris, states that the subgroup of an Artin group generated by powers of the standard generators is the 'obvious' right-angled Artin group. We generalize for certain families of Artin groups, and show that the subgroup generated by a larger collection of naturally distinguished elements is a RAAG. (Received September 13, 2020)