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June Huh, Jacob P. Matherne* (matherne@uoregon.edu), **Karola Mészáros** and **Avery St. Dizier**. *Logarithmic concavity of Schur and related polynomials.*

We will discuss both a continuous and discrete kind of log-concavity for Schur polynomials. As a consequence of our results, we obtain a special case of Okounkov's log-concavity conjecture for Littlewood–Richardson coefficients. We conjecture that several families of related polynomials in algebraic combinatorics also exhibit these log-concavity phenomena. This is joint work with June Huh, Karola Mészáros, and Avery St. Dizier. (Received March 09, 2021)