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Yajing Liu* (yajingleo@math.ucla.edu). *Link surgery formula and L-space links.*

An L-space link is a link on which all large surgeries are L-spaces. These links turn out to be rich in geometry and simple in algebra. I will present some properties and examples of L-space links in contrast to L-space knots, give bounds on the ranks of their Floer homology and on the coefficients in the multi-variable Alexander polynomials, and show how to use Manolescu-Ozsvath link surgery formula to describe the Floer homology of surgeries on any L-space link. As an application, we compute the whole package of Heegaard Floer homology of surgeries on 2-component L-space links in terms of only the Alexander polynomial and the surgery framing. (Received September 11, 2014)