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Jacob Bernstein (bernstein@math.jhu.edu), Baltimore, MD 21218, and **Lu Wang*** (drluwang@caltech.edu), Pasadena, CA 91125. *Variational Theory for Relative Expander Entropy.*

In this talk, I will define a notion of relative entropy motivated by self-expanding solutions to mean curvature flow. I will then describe recent development of the variational theory for this relative entropy. It is joint with Jacob Bernstein. (Received February 17, 2021)