1145-53-618Thomas Andrew Bell* (thomas.bell@svu.edu), 2505 Holly Avenue, Buena Vista, VA 24416.Uniqueness of Conformal Ricci Flow using Energy Methods.

We analyze an energy functional associated to Conformal Ricci Flow along closed manifolds with constant negative scalar curvature. Given initial conditions we use this functional to demonstrate the uniqueness of both the metric and the pressure function along Conformal Ricci Flow. (Received September 11, 2018)