1106-37-2770 **Daniel Cuzzocreo\*** (dcuzzocreo@smith.edu). Parameter Space Structures for Rational Maps. For parametrized families of dynamical systems, a major goal is to understand the structure of the bifurcation locus in the parameter space. The family  $F_{\lambda} = z^n + \lambda/z^d$  gives a 1-parameter, n + d degree family of rational maps of the Riemann sphere, which arise as singular perturbations of the polynomial  $z^n$ . In this talk we describe some new results which explain some of the intricate fractal structure that arises in these parameter spaces, including a system of necklaces and subnecklaces converging down to the McMullen domain, passing alternately through superstable and escape-time Sierpiński parameters. (Received September 16, 2014)