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Catherine Beneteau* (cbenetea@usf.edu), **Myrto Manolaki** and **Daniel Seco**. *Boundary Behavior of Optimal Polynomial Approximants*. Preliminary report.

In this talk, I will discuss certain polynomials that approximate, in some optimal way, inverses of functions in Dirichlet-type function spaces of the unit disk. These polynomials are closely related to classical objects in function theory such as orthogonal polynomials and reproducing kernels in weighted spaces. In particular, I will examine the limiting behavior of optimal approximants of inverses of polynomials on the unit circle. (Received July 31, 2018)