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Pamela B. Gorkin* (pgorkin@bucknell.edu), Department of Mathematics, Bucknell University, Lewisburg, PA 17837. *To get (or not to get) uniform approximation by interpolating Blaschke products.*

This talk is motivated by a well-known question about approximating Blaschke products (uniformly) by interpolating Blaschke products. In this talk, we focus on two results. The first result is a positive one, giving information on where we can place zeroes to obtain a good (uniform) approximation of our function. The second result looks at various properties that must be maintained when we approximate a Blaschke product by an interpolating Blaschke product and is connected to the number of generators of a uniform algebra. The first result is joint work with David Farmer and the second with Eva Gallardo-Gutiérrez. (Received September 15, 2011)