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Mrinal Raghupathi* (mrinal.raghupathi@vanderbilt.edu), 1326 Stevenson Center,
Department of Mathematics, Nashville, TN 37240. *Interpolation theorems for multiparameter
dirichlet space and subalgebras of H^∞* . Preliminary report.

In this talk I will describe some initial results that have been obtained with Brett Wick on interpolating sequence for products of complete pick kernels and for subalgebras of H^∞ .

If A is a function algebra on X , then a sequence $(x_n) \subseteq X$ is called interpolating if the map $f \mapsto (f(x_n))$ is surjective. We present results that characterize the interpolating sequence for the maximal tensor product of multiplier algebras of reproducing kernel Hilbert spaces. We also present some results for subalgebras of H^∞ and Riemann surfaces. (Received August 30, 2010)