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Zhenghui Huo* (zhenghui.huo@utoledo.edu), Toledo, OH 43606, and **Brett D. Wick**, St.

Louis, MO 63130. *A reproducing kernel thesis on the Bergman spaces of some Reinhardt domains.*

In this talk, we will talk about the reproducing kernel thesis for boundedness and compactness for various operators on the Bergman space of the domain $\{(z_1, z_2) \in \mathbb{C}^2 : |z_1|^2 + |z_2|^p < 1\}$. We will discuss several results about Toeplitz operators, Hankel operators, and operators in the Toeplitz algebra. This work is joint with Brett Wick. (Received August 30, 2018)