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Kelly Bickel* (kelly.bickel@bucknell.edu) and **Constanze Liaw**. *Compressed Shift Operators on Two-Variable Model Spaces*.

In this talk, we will discuss the operator-theoretic properties of compressed shift operators on model spaces of the Hardy space on the bidisk. Results include characterizations (in terms of an associated inner function) of when a commutator of a compressed shift with its adjoint has rank n and when subspaces associated to Agler decompositions are reducing for compressed shift operators. Time permitting, we will consider partial generalizations to model spaces of vector-valued functions. (Received September 15, 2015)