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Edward John Timko* (edward.timko@umanitoba.ca) and **Raphael Clouatre**. *Function Algebras and d -tuples of Model Operators*.

In this talk, we look at algebras generated by d -tuples of model operators associated with certain complete Nevanlinna-Pick spaces. The central question we investigate is when these algebras fail to have completely isometric Gelfand transforms. We connect this with properties of Arveson's noncommutative Choquet boundary, and find a variety of conditions, often on the joint spectrum of the model d -tuple, under which the Gelfand transforms of the algebras are not completely isometric. This is joint work with Raphaël Clouâtre. (Received August 30, 2020)