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**MICHAEL HARTZ**, University of Waterloo

*Completely contractive representations of multiplier algebras of Nevanlinna-Pick spaces*

Nevanlinna-Pick spaces are Hilbert function spaces which mirror some of the fine structure of the classical Hardy space on the unit disc. Their multiplier algebras are an important class of non self-adjoint operator algebras. In the spirit of previous work of Agler and Douglas-Misra-Sarkar, we investigate completely contractive representations of these multiplier algebras. In particular, we obtain a dilation result from a certain positivity property of the reproducing kernels. Moreover, we give a description of all boundary representations of a particular class of multiplier algebras. This is joint work with Raphaël Clouâtre.