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**Stefan Richter\*** ([richter@math.utk.edu](mailto:richter@math.utk.edu)). *Multipliers for Holomorphic Besov spaces of the ball of  $\mathbb{C}^d$* . Preliminary report.

The Drury-Arveson space  $H_d^2$  is a space of analytic functions on the unit ball  $\mathbb{B}_d$  of  $\mathbb{C}^d$ . It is at the cross-roads of multi-variable operator theory and function theory. It is important for the dilation theory of tuples of commuting operators associated with  $\mathbb{B}_d$ , its reproducing kernel has the complete Nevanlinna-Pick property, and it is one among a family of weighted holomorphic Besov spaces.

In this talk I plan to discuss some aspects of the emerging function theory of these spaces. (Received February 06, 2017)