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Olena Kozhushkina*, Department of Mathematics, Lafayette College, Easton, PA 18042. *The Bishop-Phelps-Bollobás Property for Operators.*

The celebrated Bishop-Phelps theorem states that the set of norm-attaining functionals on a Banach space X is dense in its topological dual X^* . We are interested in a certain operator version of this result, called the Bishop-Phelps-Bollobás property, which deals with the denseness of norm-attaining operators on Banach spaces. In this talk, we will discuss recent developments in this area, in particular, for operators on spaces of continuous functions $C(K)$, where K is a compact Hausdorff space. (Received January 18, 2016)