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Isaac Goldbring and **Thomas Sinclair*** (tsincl@purdue.edu). *Model theory and operator systems.*

In essence, operator systems are ordered Banach spaces X whose $n \times n$ matrix spaces $M_n(X)$ are equipped with natural compatible order structure. In this talk I will discuss how continuous model theory connects with and gives new insight into well-studied properties of operator systems as well as several open problems in the field. (Received August 10, 2015)