

# C\*-algebras and omitting types

March 5th, 2013

Seminar in operator theory and operator algebras  
University of Virginia

I will give an introduction to model theory for operator algebras. I will then explain how many important classes of C\*-algebras can be characterized by the model-theoretic notion of omitting types. I will conclude presenting some applications to the theory of UHF algebras and AF algebras.