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**Francis J Chung\***, fj.chung@uky.edu. *Partial data results for unbounded potentials.*

The inverse problem for the Schrödinger operator  $(\Delta + q)$  is well studied for the case of  $q \in L^\infty$ , even in the partial data case, when boundary data is available only on a subset of the boundary. For less regular potentials  $q$ , however, much less is known. In this talk I will give a brief introduction to this problem, and describe a recent result, in joint work with Leo Tzou, where we prove a partial data result for the Schrödinger inverse problem with  $q \in L^{n/2}$ , which is the critical regularity for the strong unique continuation property to hold. (Received February 08, 2018)