1128-32-191 **Aaron J Peterson*** (aaron.peterson@northwestern.edu), Department of Mathematics, Northwestern University, 2033 Sheridan Road, Evanston, IL 60208. *Uniform Large-Scale CR Control Geometry on Model Unbounded Pseudoconvex Domains in* $\mathbb{C}^2$.

Let $\Omega \subset \mathbb{C}^2$ be a weakly pseudoconvex finite-type domain with smooth boundary. We will discuss the Carnot-Carathéodory control geometry induced on $b\Omega$ by the real and imaginary parts of the CR vector field. After reviewing the local theory, we describe a framework for studying this geometry on a model class of unbounded domains. We will explore examples where the large-scale behavior of the control geometry is markedly different than the local behavior, and then present a characterization of the subclass of such domains for which the large-scale behavior of the control geometry is uniform. This is joint work with Ethan Dlugie. (Received February 26, 2017)