1116-VW-1820 **Erin Denette*** (edenette@uri.edu) and **Araceli Bonifant** (bonifant@math.uri.edu). *On the Existence of a Semi-Conjugation Between Certain Combinatorially Obtained Minimal Cantor Sets.*

A Cantor set is a perfect, zero dimensional, compact metric space. Given a Cantor set X, a continuous map $f : X \to X$ is called a minimal Cantor set if every orbit of f is dense in X. In 2006, Gambaudo and Martens gave conditions under which it can be guaranteed that a minimal Cantor set can be obtained as the inverse limit of certain directed topological graphs. This talk will use the projection maps between each of these graphs in order to prove the existence of a semi-conjugation between two combinatorially obtained minimal Cantors sets that are related by a specific property. (Received September 21, 2015)