1163-47-731   **Kristin E Courtney*** (`kcourtne@uni-muenster.de`) and **Wilhelm Winter**. *Images of completely positive order zero maps.*

A completely positive (cp) map is called order zero when it preserves orthogonality. Such maps enjoy a rich structure, which has made them a key component of completely positive approximations of nuclear C*-algebras. In this talk, we will consider a few nice properties of the image of a cp order zero map and see how these properties actually characterize those self-adjoint subspaces of a C*-algebra that are the image of such a map. We will also discuss implications for generalized inductive sequences of C*-algebras. (Received September 12, 2020)