1106-15-892　　　　**Carolyn Troha*** (`carolyn.troha@uky.edu`). *A Linkage Construction for Subspace Codes.*
Subspace codes were introduced in 2008 by Koetter and Kschischang. Since then there has been much research into finding constructions of good codes. Many of these known constructions rely on finding a collection of subspaces that have a nice structural property, such as having a nice underlying matrix code or having a restricted automorphism group. These codes have the disadvantage that for each new set of parameters, an entirely new code must be generated. In this talk I will present a construction, which builds a code by linking previously constructed codes. This allows for large codes without having to constuct new codes for every set of parameters. This construction also has some promise for decoding, as long as the codes being linked admit decoding algorithms. This is based on joint work with Heide Gluesing-Luerssen and Katherine Morrison. (Received September 08, 2014)