1161-14-192   **Gretchen L Matthews*** (`gmatthews@vt.edu`). *Three-point Hermitian codes.*

One-point Hermitian codes are the best understood algebraic geometry codes from higher genus curves, meaning beyond the ubiquitous Reed-Solomon codes constructed from the projective line. In the last two decades, two-point Hermitian codes have been studied extensively, and their exact parameters (meaning dimension and minimum distance) have been established. Multipoint codes on the Hermitian curve supported by m points, where $m \geq 3$, are more intricate in nature. In this talk, we share recent results on three-point Hermitian codes. This is joint work with Michael Wills. (Received August 17, 2020)