1138-42-328   **Jeff Ledford*** (`jpledford@vcu.edu`) and **Keaton Hamm** (`keaton.hamm@vanderbilt.edu`).
Interpolation in Quasi Shift-invariant Spaces.

This talk will concern various interpolation results in quasi shift-invariant spaces, $V(\psi, \mathcal{X}) := \overline{\text{span}}^{L_2}\{\psi(\cdot - x_j) : j \in \mathbb{Z}\}$, where ψ is a nice enough *generator* and $\mathcal{X}$ is a complete interpolating sequence. Results on recovering target functions in $V(\psi, \mathcal{X})$ by using interpolants in $V(\phi, \mathcal{Y})$ will also be presented. (Received February 12, 2018)