1113-47-147   **Rudi Weikard*** (`rudi@math.uab.edu`). *Spectral Theory for Schrödinger Operators with Operator-Valued Potentials.*

We study initial value problems and spectral theory for Schrödinger Operators with Operator-Valued Potentials on the half-line and the full-line. Specifically, we treat Weyl–Titchmarsh theory, Green's function structure, eigenfunction expansions, diagonalization, and a version of the spectral theorem.

    This is joint work with F. Gesztesy (Missouri) and M. Zinchenko (New Mexico). (Received August 18, 2015)