## On Schrödinger equations with inverse-square singular potentials

## V. Felli

We will present the results obtained in collaboration with Susanna Terracini and Elsa M. Marchini about the asymptotics of solutions to Schrödinger equations with singular dipole-type potentials. We evaluate the exact behavior near the singularity of solutions to elliptic equations with potentials which are purely angular multiples of radial inverse-square functions. Both the linear and the semilinear (critical and subcritical) cases are considered.