

EDPs Seminar

Speaker: Delia Schiera (Instituto Superior Técnico, Lisboa).

Title: Symmetric positive solutions to nonlinear Choquard equations with potentials.

Abstract: I will present some existence results for a class of Choquard equations in which the potential has a positive limit at infinity and satisfies suitable decay assumptions. Also, it is taken invariant under the action of a closed subgroup of linear isometries of $\mathbb{R}^N$. As a consequence, the positive solution found is invariant under the same action. I will mainly focus on the physical case involving a quadratic nonlinearity. Joint work together with Liliane Maia and Benedetta Pellacci.

Zoom:

<https://uchile.zoom.us/j/85658293923?pwd=RHpqQUZkd2tJcDk0SVZEd0tjUzBXUT09>

Meeting ID: 856 5829 3923

Passcode: 444881

Thursday (11/11) at 4:15 pm (Chilean time).