



PLENARY LECTURES

Minimal surfaces and eigenvalue problems.

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Tuesday, February 09, 2024.
9h30 - 10h30
FT - Auditorium

Abstract.

In this talk I will survey some results exploring the connection between minimal surfaces, which are critical points of the area functional, and eigenvalues of certain self-adjoint operators. The focus will be on how this can be used to obtain characterization and existence results for minimal surfaces. In particular, I will present my own contribution to this topic, in joint work with Ana Menezes.