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**André Arroja Neves\*** ([aneves@imperial.ac.uk](mailto:aneves@imperial.ac.uk)). *Min-max methods in Geometry*.

Min-max methods were introduced in Geometry around 100 years ago by Birkhoff.

Recently, with Fernando Marques, we used it to solve the Willmore Conjecture and other long standing open questions in Geometry.

I will survey the method, its applications, and propose new directions in the area. (Received February 09, 2015)