## Computing the geodetic hull number of a graph

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**Resumo/Abstract:**
A set of vertices S of a graph G is (geodesically) convex if the vertices of every shortest path between vertices of S is contained in S. The convex hull of S is the minimum convex set containing S. The hull number of G is the cardinality of a minimum set whose convex hull is V(G). In this talk, we consider the problem of computing the hull number of a graph. We will survey the graph classes for which the problem is known to be NP-hard and present the main ideas for the polynomial-time cases contained in the literature.