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CHARACTERIZING CIRCULAR-ARC GRAPHS BY
MINIMAL FORBIDDEN INDUCED SUBGRAPHS

Circular-arc graphs are the intersection graphs of arcs on a circle. This graph class is hereditary, that is, it is closed under vertex deletion, and therefore it can be characterized by the family of minimal non-circular-arc graphs. In this talk, I will present the main ideas and techniques behind the characterization of this family.

Joint work with Yixin Cao.