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**Edward R. Scheinerman\***, Johns Hopkins University, Shaffer Hall, 3400 N. Charles St.,  
Baltimore, MD. *On the intersection of graphs and geometry.*

Graphs are combinatorial structures (finite sets of vertices and pairs of vertices we call edges) and yet we often think of them in geometric terms (vertices as points, edges are curves). In this talk we explore geometric representations of graphs in which vertices correspond to geometric objects (line segments, disks, curves, and so on) and edges correspond to interaction between the objects (typically, nonempty intersection). (Received June 10, 2010)