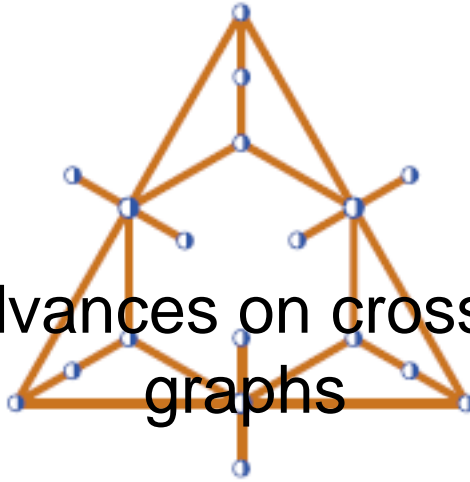


# Bled'11 - 7th Slovenian International Conference on Graph Theory

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## Recent advances on crossing critical graphs



### Content :

Crossing critical graphs have attracted much attention since Širan's introductory paper in 1984. Several general constructions were proposed (crossed fences, tiles, zip-product), several properties were investigated (path-width, average degree, bandwidth), and several other research directions were proposed (almost-planar graphs, nearly-light cycles, characterization). In the talk, we review this field of topological graph theory with emphasis on recent results and open problems.

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