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Some interesting graph decompositions

Edge-disjoint graph decompositions of complete graphs and of complete multipartite graphs lie on the border of design theory and graph theory. In this talk I will survey some of the more recent results on edge-disjoint decompositions of complete multipartite graphs into subgraphs such as cycles and paths. This will include consideration of some of the properties which such decompositions may have, and some open problems in the area will also be included.