

# Embedding problems in tournaments

Various problems in extremal combinatorics concern sufficient conditions for embedding a certain subgraph into a host graph or directed graph. In this talk, we will focus on embedding powers of directed paths and cycles in tournaments. We will discuss some of the research around this topic and present our new results and methods, namely, a surprising connection with the celebrated bipartite Turan problem. This is joint work with Nemanja Draganic and Benny Sudakov.