Cumhur Çakmak: Efficient algorithms for the frame packing and slot allocation of FlexRay v3.0 (2017)

Input: Set of ECUs and signals with fixed signal sizes and periods
Output: Transmission schedule for signals in static segment

Goals:
• Use minimum amount of bandwidth
• Use bandwidth with maximum efficiency
• The algorithm must be scalable to large signal sets

Direct approach: Impractical
2-Stage approach with refined search spaces: Fast Results with High Efficiency

Use Integer Linear Programming for optimality