In this talk, we consider the problem of computing compact routing tables for minor-free graphs (that exculde K_r)

in the HYBRID communication model. More precisely, we present a novel idea to to create sparse covers with diameter

blowup O(r) and degree $O(\log(n))$ for any distance parameter. This scheme directly implies a good routing scheme.

Our idea is based on a new insight into our distributed padded decomposition scheme for planar graphs that allows to

extend it to minor-free graphs. It combines state-of-the-art distributed approximation algorithms [ITCS '21, STOC '22]

with state-of-the-art padded decomposition schemes for sequential models [STOC '15, APPROX '20].

Our approach archieves "the best of both worlds" with regard to runtime and quality of the decomposition.