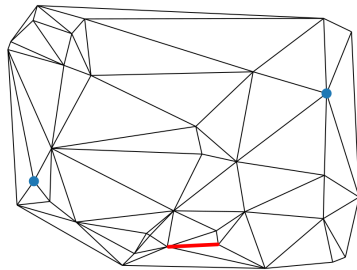
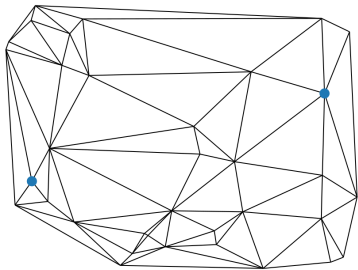


# Planar Network Diversion



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*University of Bergen*  
February 21, 2025

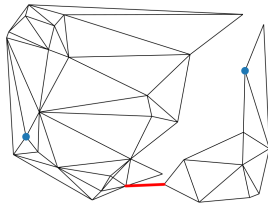
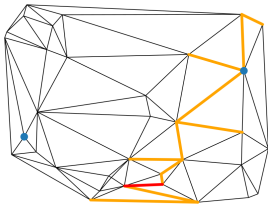
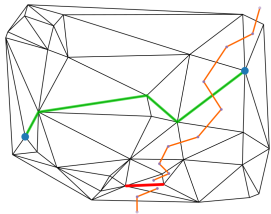
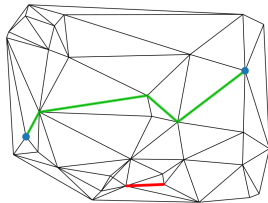
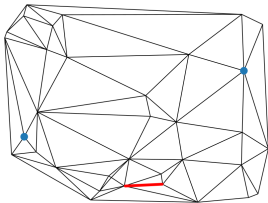
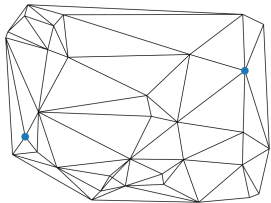
Joint work with

- Matthias Bentert
- Fedor V. Fomin
- Steinar Simonnes

- MINIMUM  $s$ - $t$ -CUTS
- NETWORK DIVERSION
  - Planar case: P  $O(n \log n)$
  - Directed: NP-complete
  - Undirected: Open

## Cut – Cycle space duality

# Algorithm



# Diverse cuts

