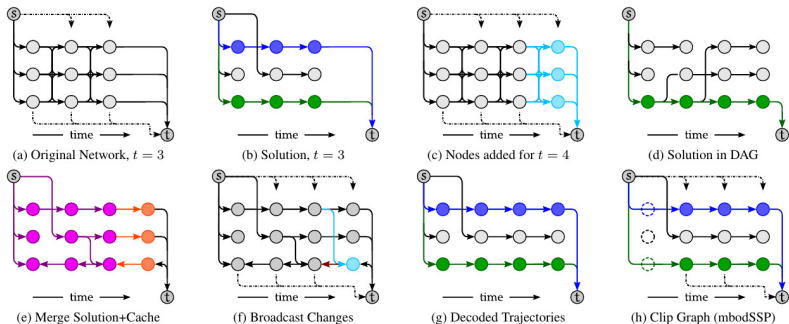


# FollowMe: Efficient Online Min-Cost Flow Tracking with Bounded Memory and Computation

P. Lenz, A. Geiger and R. Urtasun (ICCV 2015)



- ▶ Limitations of min-cost flow formulations for tracking-by-detection (e.g., Nevatia):
  - ▶ Require whole video as batch (no online computation)
  - ▶ Scale badly in memory and computation
- ▶ Contributions:
  - ▶ Dynamic successive shortest path algorithm & extension to online processing
  - ▶ Approximate solver with bounded memory and computation
- ▶ Evaluation on KITTI 2012 and PETS 2009 benchmarks