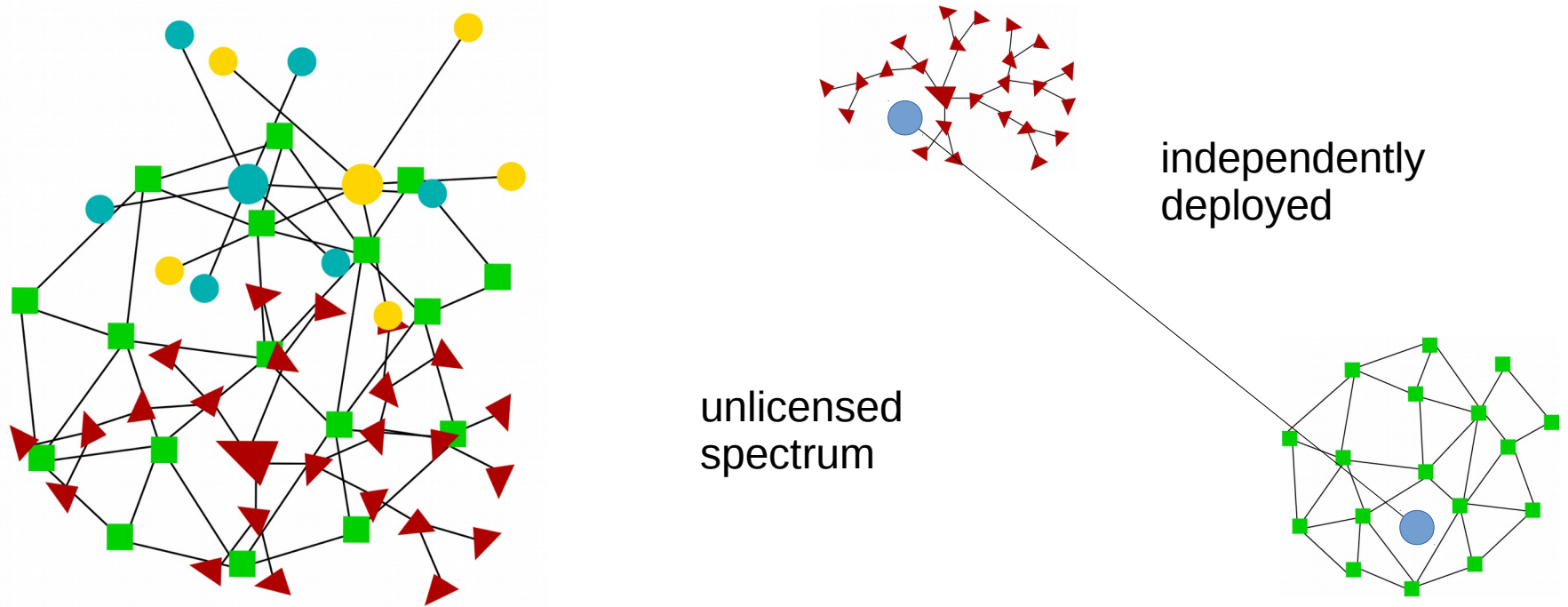


Network co-existence in future wireless environments



Mon 19 March, 17:30 – 18:00 (room “Waterloo”)

draft-feeney-t2trg-inter-network-01

Laura Marie Feeney, Uppsala University

Network co-existence in future wireless environments

- diverse, **administratively independent** networks
- community lacks good understanding of inter-network interference at **protocol-level and network scale**
 - severe degradation – oscillations, blackouts, sync-desync
 - not well isolated at the PHY/MAC
- **best practices** for performance evaluation and protocol design
- can administratively unrelated networks safely coordinate access to the shared channel via (decentralized) Internet infrastructure?
 - no (meaningful) identity, no trust relationship
 - incompatible, selfish, hostile

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