



# Network Topics

# Initial Thoughts

- Network configuration management
- SDN exploitation
  - Load balancing (firewalls, external traffic)
  - Virtual experiment facilities in the new data centre?
- Segment routing
- White box switches
- Wi-Fi/5G integration
  - Seamless roaming between these technologies (with traffic staying at CERN...)

# DC Architectures

- High bandwidth link to New CC
  - DWDM. Is this a research topic, though?
- In-rack networking
  - Whose switches? Impact on SDN & Network Fabrics
- IoT—FRU tracking, also DC environmental monitoring.
  - Network aspects
    - Transmission technologies: Wi-Fi, 5G, LoRa?
    - Traffic segregation & Security

# Storage Technology

- ?

# Clouds

- SDN: Neutron
  - What exactly is required?

# Other

- LiFi?
- Innovative Campus Services?

