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Flexibility in 5G Wireless Networks

Research keynotes:

- Measuring flexibility of wireless networks

- Focus on mobile wireless networks enhanced by:

    - Software Defined Networks

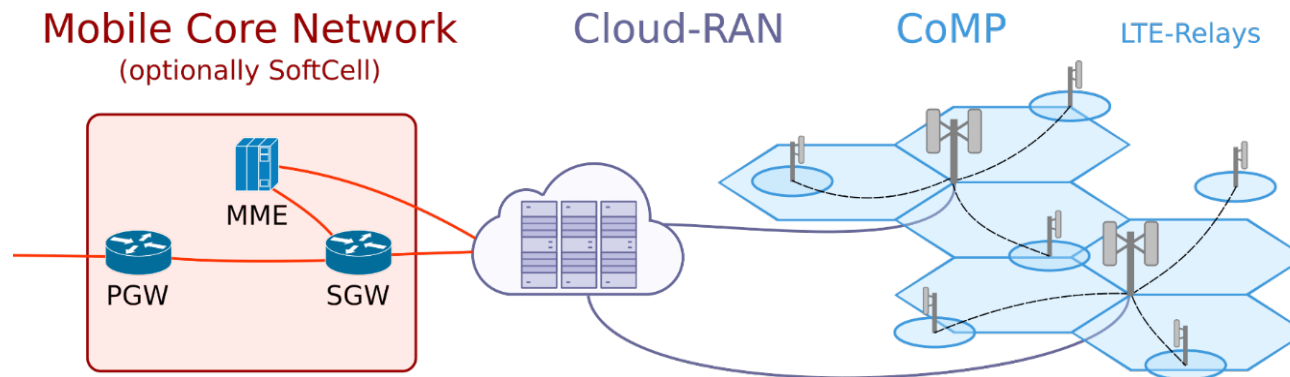   - Network Virtualization

    - 5G technologies

Figure: Example of a combination of SDN, NV and other 5G proposals that could enhance the flexibility of mobile networks

Flexibility in 5G Wireless Networks

Open questions:

- How wireless networks can be **virtualized** and/or **software defined**

- How to **measure flexibility** of wireless networks

- How 5G proposals can **improve flexibility**

    - e.g. Coordinated MultiPoint, massive MIMO, D2D, etc.

- Derive guidelines to **design** flexible wireless networks