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Some current interests

- *Service routing* with particular application to edge computing
  - Tackling the **latency** incurred by name lookups in multi-site traffic steering deployments
- *Network virtualization*, with focus (right now) on AI-centric DCN
  - **Scalability** (of tenants, connections, and networks)
  - **Fairness** in light of concurrent traffic types, e.g., incast and harm to non-incast traffic
- *Distributed Consensus Systems* (through David Guzman), specifically Ethereum
  - **Quantify** the many issues, particularly at comm level
  - Use of service routing to **improve** on current designs
- Architecture *frameworks*

Questions

- Future DCS designs
  - What if **multicast** was an option for DCS?
  - What are possible **improvements** and how would it impact energy considerations?
  - How does **cloudification** impact/help DCSs (governance, performance, trust)?

- What next in DCN?
  - Is GPTvx really the (only) **driver**?
  - Return of **multi-site deployments**, aka cloud computing?
  - What is the impact of **co-existence** of many applications (and transports)?

- Collective communication
  - How to best support at **network level**?
  - What forms of **multicast** would we want/need?