The Swarm at the Edge of the Cloud:

* The concept and abstraction seems interesting, I would expect to see more details on issues such as security and data collection, a huge entity like that should have a lot of architecture.
* I’m not sure a single control plane for so many verticals is a good idea, I would try to split the verticals of autonomous cars, medicine etc into smaller services.

A Cloud-Scale Acceleration Architecture:

* Why not using asic here? It seems the tasks performed are pretty monotonic
* An interesting idea would be to consume the chip for both the network improvments and the local improvements at the same time with threads

ASIC Clouds: Specializing the Datacenter:

* I would like to see the paper focuses also on the other architecture such as memory and the effect on the bitcoin mining rate.
* Is there a chip more specialized then asic?