Peer-to-peer overlay-based networking, as seen in technologies such as BitTorrent, TOR, Freenet, and KAD, offers a promising solution for the future of the internet. These technologies provide a decentralized, scalable, and cost-effective way to share information and communicate with one another.

On the other hand, content-centric networking (CCN) and/or NDN or COAST and the MobilityFirst architecture, while offering some benefits, may not be the best solution for the future of the internet. These architectures still rely on centralized entities to manage and control the flow of information, which can lead to issues such as censorship, limited scalability, and high costs.

Furthermore, while adoption of IPv6 and associated security measures such as DNSSEC, HTTP/3, and IPsec may provide some security benefits, they may not address the fundamental limitations of traditional client-server architectures.

In overall, we believe that peer-to-peer overlay-based networking offers a promising alternative for the future of the internet. By leveraging the power of decentralization, scalability, and cost-effectiveness, we can create a more secure, free, and open internet that benefits us all.