Title: Beyond IP: Network protocols to meet the demands of 2030

Abstract：

The TCP/IP networking stack was designed to the requirements and constraints of the 1970s, which differ radically from mobile cellular connectivity demands of the 2020s. This has resulted in 40 years of (often expensive) overlays and workarounds which will be difficult to sustain and scale as we approach a connectivity explosion towards 2030. This presentation explains the problems encountered by network operators with the current protocol stack, and ongoing research into alternatives.