



FLAME

FACILITY FOR LARGE-SCALE ADAPTIVE MEDIA EXPERIMENTATION

King's College London

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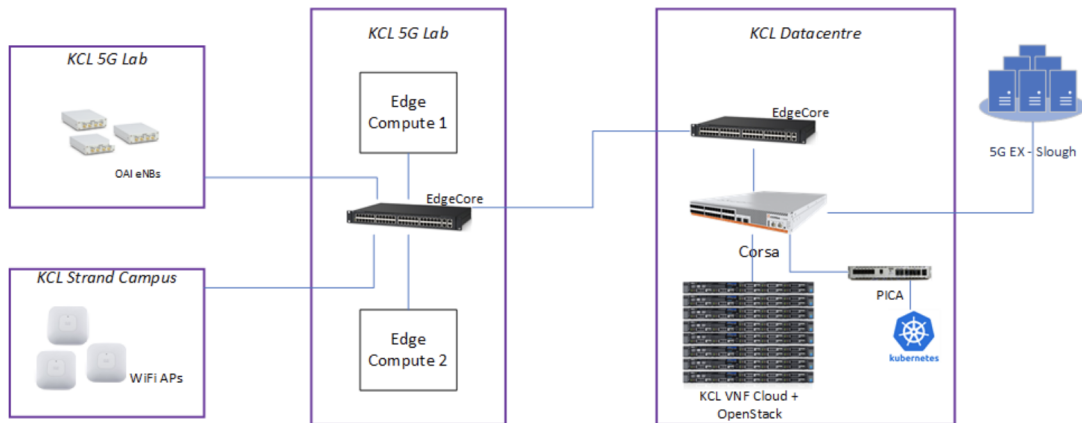
2 September 2019

## Infrastructure @KCL

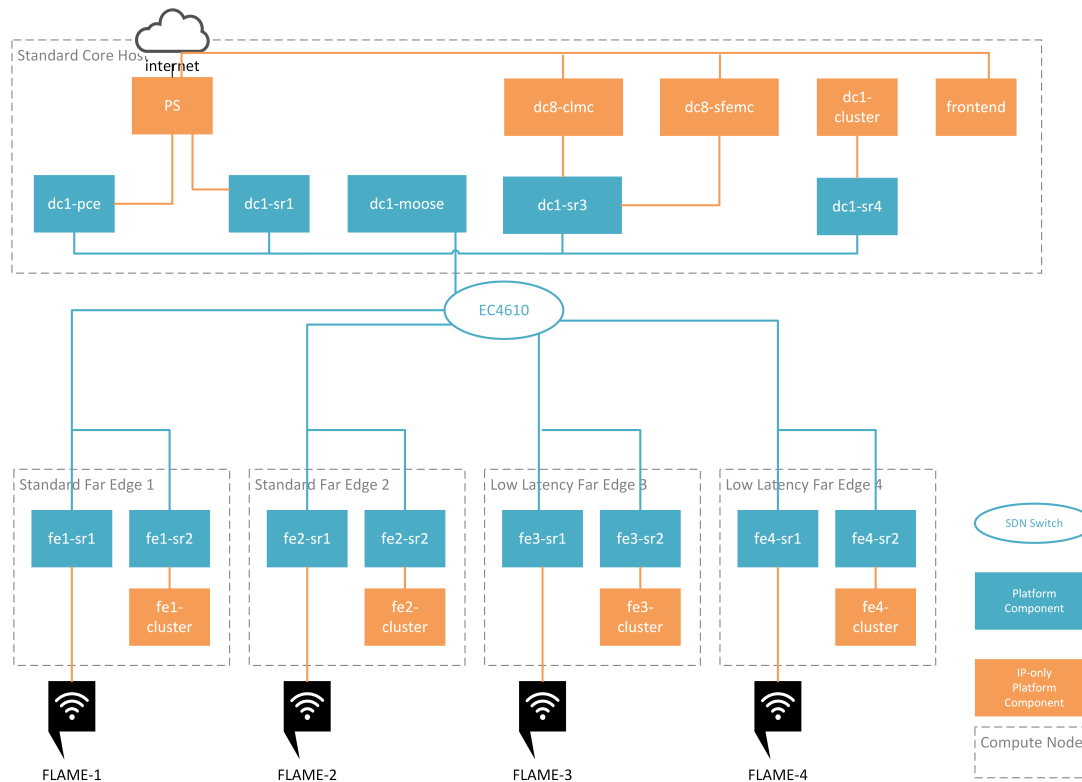
- KCL data centre composed of seven compute nodes and one controller (private cloud deployment)
- In total 88 vcores, 1TB RAM and 7 TB disk combined
- Multi-vendor SDN switches available (EdgeCore, CORSA)
- Two compute nodes have real-time kernel configured with hardware passthrough enabled

# Introduction @KCL

- WiFi access points on single floor at King's College London
- Connection to 5G Exchange point (that could potentially interconnect Bristol and KCL platforms)



# Platform Topology





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This project received funding from the European Union's Horizonhas 2020 research and innovation programme under grant agreement No 731677



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