



The Tactile Internet – IoT, 5G and Cloud on Steroids

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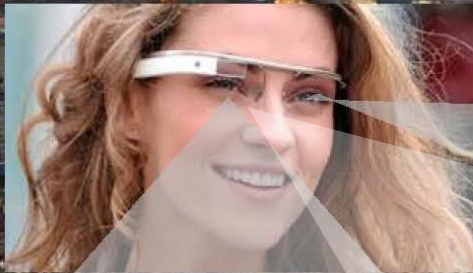
ICUMT 2015, Brno
6 October 2015



Part I

Evolving Internet

10 cameras @ 100Hz frame rate → 100Gb/s



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Mobile Internet in 5G

The Internet Of Things?



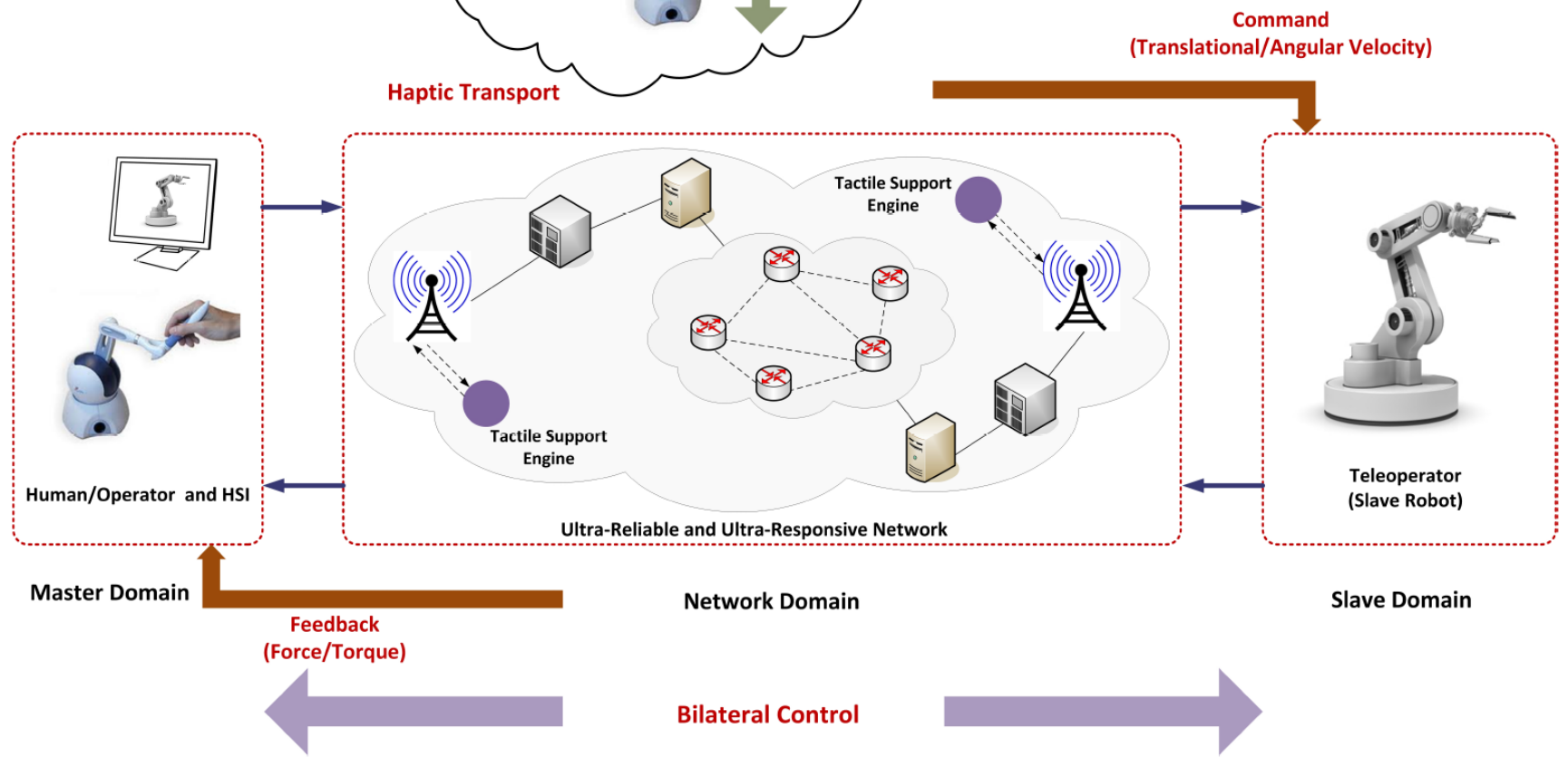
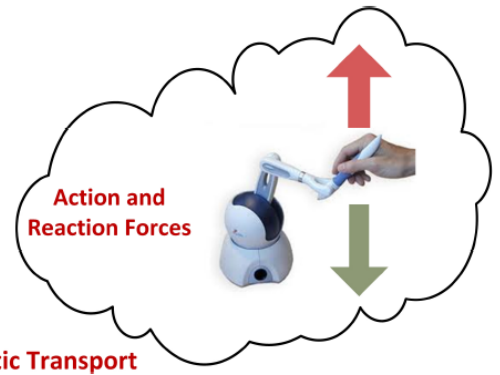
Things Internet in 5G



Tactile Internet in 5G

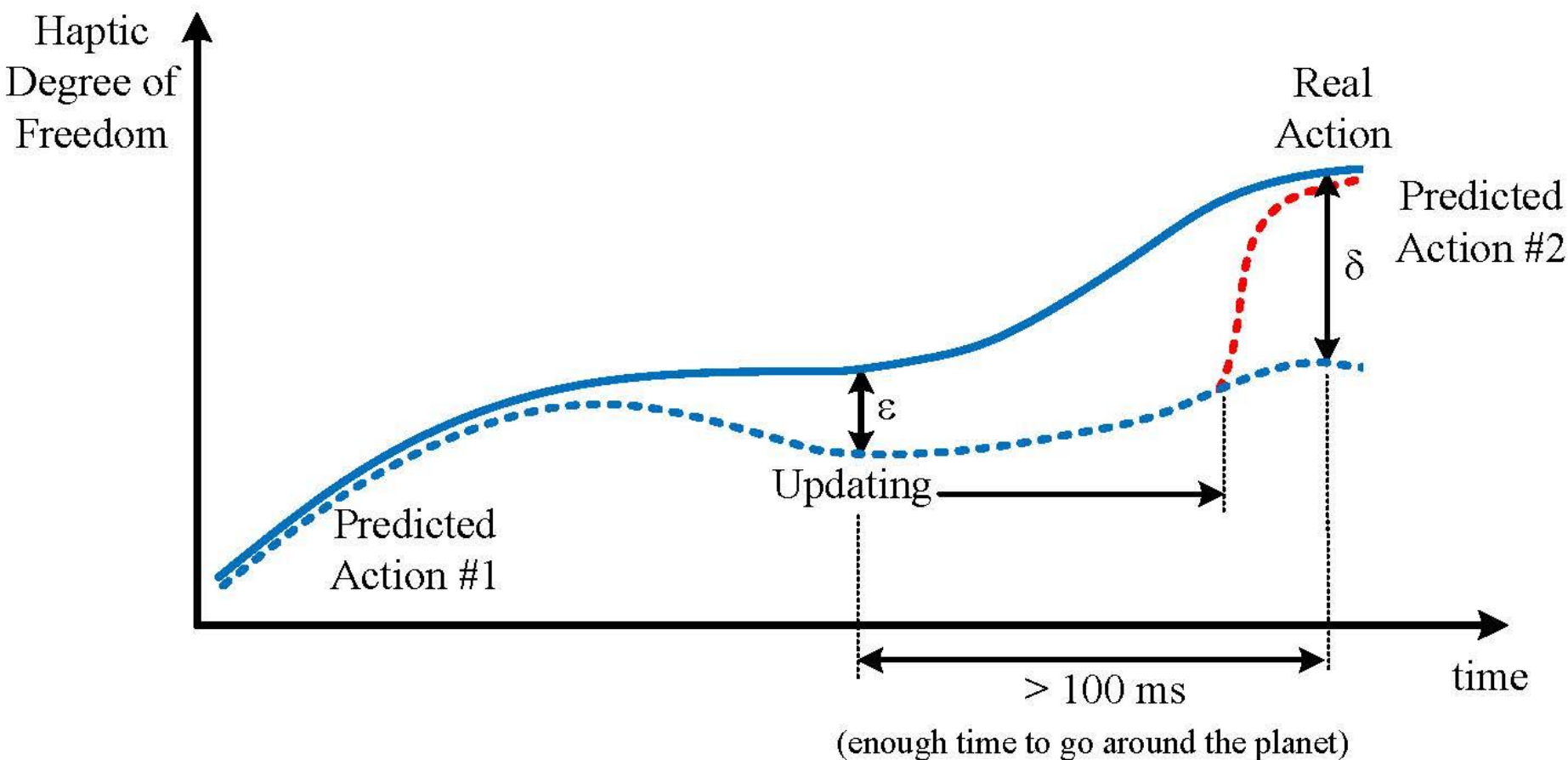


Breaking Physics



[1] A. Aijaz, M. Dohler, et al, "Realizing The Tactile Internet: Haptic Comms over 5G Cellular Networks," IEEE Wireless Communications, *submitted*.
 [2] M. Simsek, M Dohler, G. Fettweis, et al, "5G-Enabled Tactile Internet," IEEE JSAC, *submitted*.

Technology Components



M2H/H2M Co-Design

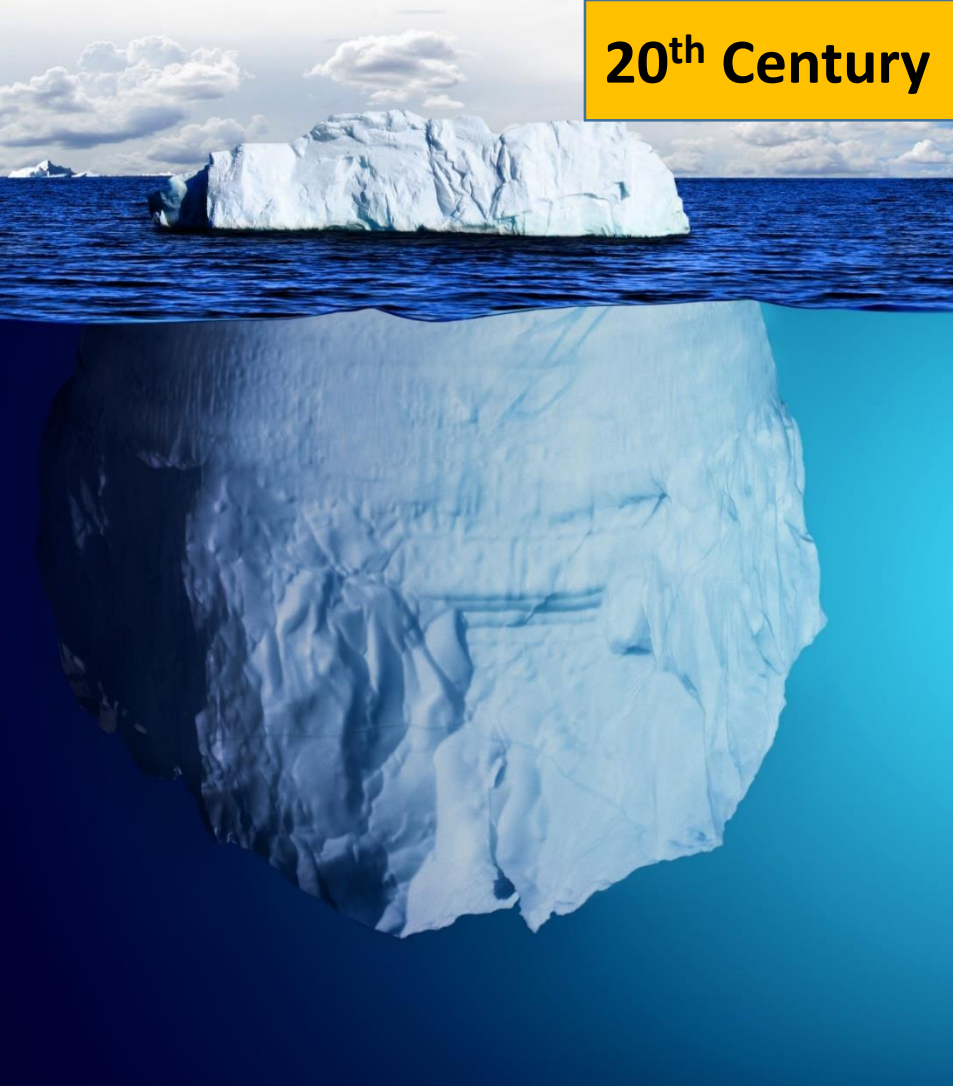
Part II

Making it happen



New Tech Thinking

20th Century



21st Century



Transform Standards



Flip Business Models?

Part III

Have your say!



King's College London