



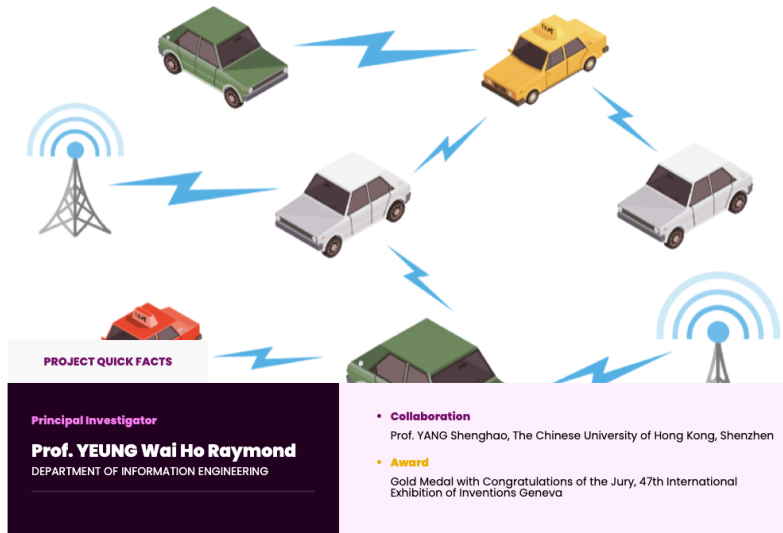
BATS: A Novel Network Coding Technology

#IoT

#Smartcity

#Data

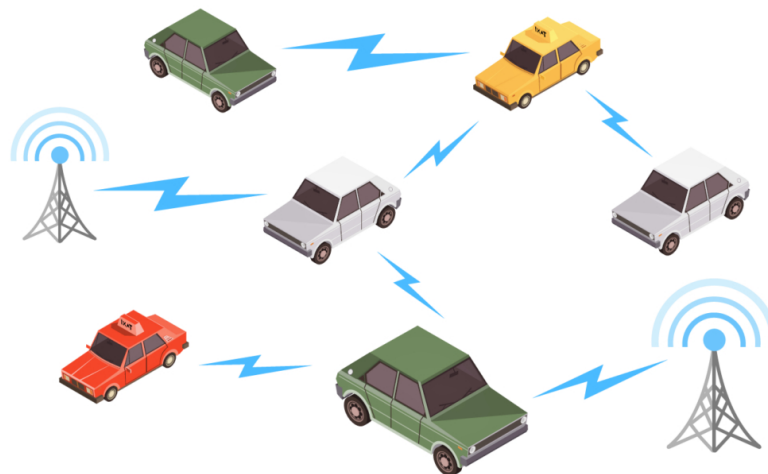
#2019



In recent years, there has been great advancement in wireless communication technologies. Multi-hop communication arises in many application scenarios where information needs to be transmitted to the receiver through a number of intermediate nodes. For existing technologies, however, the transmission cannot sustain more than a few hops due to channel noise and interference. BATS is a proven and patented network coding technology that solves this longstanding problem. BATS provides an efficient and ready solution for communication in internet of Things (IoT), Vehicular-to-Everything (V2X), wireless mesh networks, etc. It paves the way for massive deployment of various smart cities devices and applications.

Uniqueness and Competitive Advantages:

- BATS offers high-speed and stable data transmission
- The bandwidth provided by BATS is guaranteed (100 times higher than LoRa; 20 times higher than NB-IoT) which can enable services like real-time video transmission
- BATS provides a city-friendly and efficient solution for building a smart city

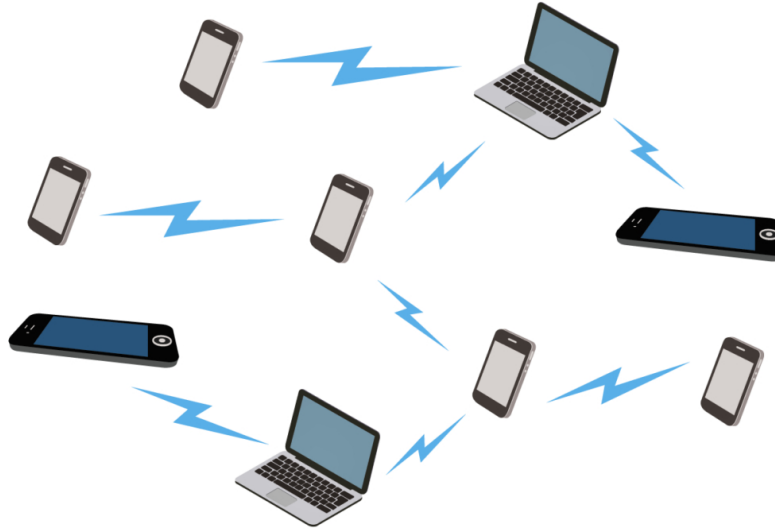


V2X





Drone Networks



Mobile Ad Hoc Networks

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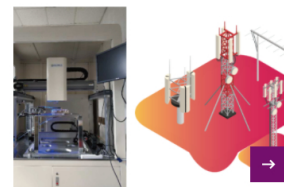
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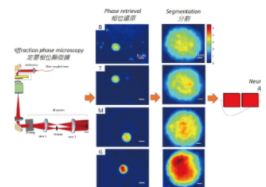
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