


23RD OCTOBER  
2018

FREE TO ALL BLANDFORD GARRISON  
PERSONNEL, RSI AND AFCEA MEMBERS.  
TO BOOK PLEASE CONTACT  
ZOE.LUCAS990@MOD.GOV.UK  
REFRESHMENTS FROM 1600HRS AND THE  
LECTURE STARTS AT  
1630HRS IN PRINCESS  
MARY HALL, BLANDFORD CAMP.  
FURTHER INFORMATION AT  
[HTTPS://ROYALSIGNALS.ORG/RSI/RSI-  
EVENTS/](https://royalsignals.org/rsi/rsi-events/)



# 5G – THE FUTURE OF COMMUNICATIONS

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5G IS MAKING MANY HEADLINES AT THE MOMENT WITH PROMISES OF EVER HIGHER PEAK AND AVERAGE DATA RATES, ULTRA-RELIABLE AND LOW LATENCY COMMUNICATIONS ALONG WITH SUPPORT FOR MASSIVE MACHINE TYPE COMMUNICATIONS TO ENHANCE THE INTERNET OF THINGS. THIS TALK WILL BRIEFLY REVIEW THE EVOLUTION OF MOBILE COMMUNICATIONS TECHNOLOGIES BEFORE EXPLORING WHAT 5G REALLY IS, WHICH RADIO SPECTRUM BANDS WILL IT USE, WHY IT'S DEPENDENT ON 4G LTE AND HOW IT WILL BE DELIVERED TO ADDRESS EXISTING, NEW AND EVOLVING USE CASES.