



Millimeter-Wave Massive MIMO Channel Sounding, Estimation, and Beamforming for 5G

Two vacancies are available for Research Scholar positions to work on mmW massive MIMO channel sounding (and modeling) and channel estimation and beamforming.

Location:

Faculty of Engineering and Technology,
Multimedia University, Melaka, Malaysia

Requirements:

- Bachelor/Master's degree in engineering
- Proficiency in MATLAB programming
- Experience in RF or signal processing
- Good command of English
- Resourceful and able to carry out research independently

Fixed-term:

The funds for these posts are available for 24 months

Responsibilities:

- Design and develop mmW massive MIMO channel sounder
- Perform channel measurement and modeling
- Develop improved channel estimation technique for mmW massive MIMO
- Develop improved beamforming technique for mmW massive MIMO
- Enroll in and complete a MEngSc/PhD program
- Writing up work for presentation and publication

Benefits:

- Monthly allowance RM2000 – 3000 (depends on qualification and experience)
- Tuition fee covered

Interested candidates are requested to send their resume/CV to Dr. Lim Heng Siong (hslim@mmu.edu.my). Further enquiries can be forwarded to the same email.