

NIT Electromagnetic Research Seminar 2026

Date/Time: 26th February (Thu.), 2026 14:00 - 15:10

Opening remarks 14:00-14:05

Talk session 14:05-15:05

Closing remarks 15:05-15:10

Place: Building 1 Conference Room 2 (201A)

(Online: Join Microsoft Teams with team code **7zsrlvg**)

「チームに参加/チームを作成」をクリック→

「コードでチームに参加する」欄にコード **7zsrlvg** を入力してください。

The Quest for Multibeam Metasurfaces: From Precise Wavefront Control to Future Applications

Dr. Xiaoxuan Guo

University of Technology Sydney, Australia

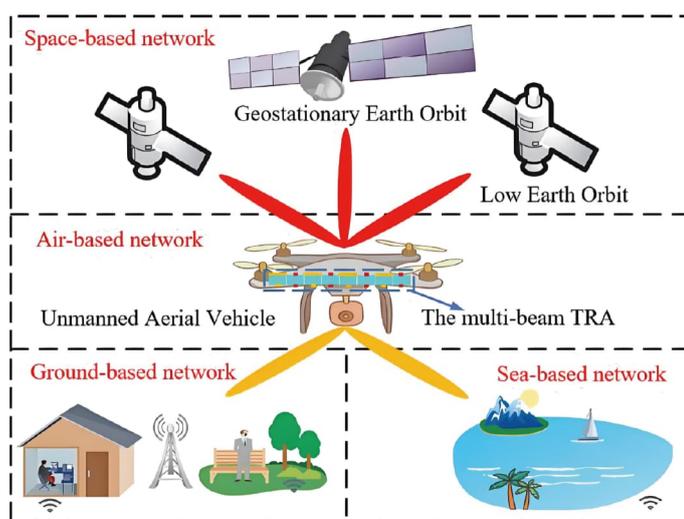


Summary:

This lecture will systematically present a series of research achievements in the field of multibeam metasurfaces, covering areas such as interferometric phase transmitarray design, low-scan-loss multibeam antennas, full-space transmission-reflection-integrated metasurfaces, and reconfigurable beam-control systems.

The talk will elucidate the fundamental principles and design methodologies of these technologies, demonstrate the complete workflow from theoretical simulation to fabrication and experimental validation, and

outline future prospects for their applications in 6G communications, wireless power transfer, and adaptive electromagnetic systems.



Inquiry

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※学外からの参加をご希望の方は下記までご連絡をお願い致します。

