

NIT Electromagnetic Research Seminar 2025

Date/Time: 22nd December (Mon), 2025 14:20 - 15:30

Opening remarks 14:20-14:25

Talk session 14:25-15:25

Closing remarks 15:25-15:30

Place: Online - Microsoft Teams

(Join Microsoft Teams with team code [h284dus](#))

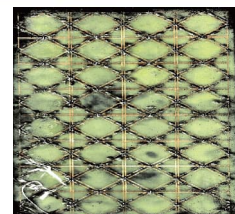
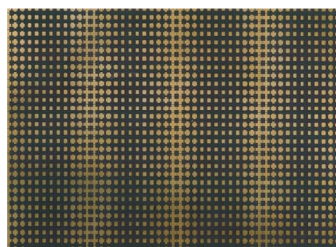
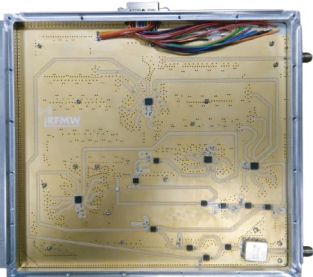
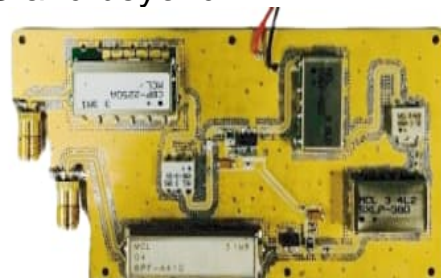
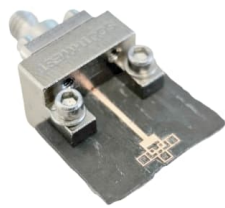
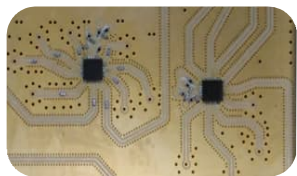
Innovations in RF, Microwave, Antenna, and Metasurface Technologies for 5G and Beyond

Z. A. Pandit Jibrán
Université Gustave Eiffel, France



Summary:

This lecture will explore recent innovations in RF, microwave, antenna, and metasurface technologies driving next-generation wireless communication. Topics include high-gain antennas, frequency selective surfaces (FSS), absorbers, filters, and multi-functional metasurfaces for beam steering and splitting. Applications span 5G, IoT, radar, satellite, and railway networks, with a forward look toward 6G and beyond.



Inquiry

Prof Hiroki Wakatsuchi

Secretary Shuntaro Kosugi (kosugi.shuntaro@nitech.ac.jp; 052-735-5504)

Dept of Electrical and Mechanical Engineering, Nagoya Institute of Technology

※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。

