

### Organising Committee

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Masood Ur Rehman  
Hasan Abbas  
Qammer H. Abbasi

IEEE UK and Ireland AP-S/MTT-S  
Joint Chapter

1-day IEEE AP-S/MTT-S/  
EMC-S/GRS-S/AES-S

# JOINT DL WORKSHOP

15 August 2024

University of Glasgow, UK



# Workshop Schedule

## Morning

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**9:00** Registration and Coffee

**9:30** Welcome

**Dr Masood Ur Rehman, VC IEEE AP-S/MTT-S Joint Chapter**

**9:40** Opening Talk

**Prof Levent Savgi, IEEE AP-S DLC Chair**  
From engineering electromagnetics to electromagnetic engineering:  
Training next generations

**10:30** Keynote 1

**Prof Qammer Abbasi, IEEE AP-S DL, University of Glasgow**  
A next wave of wireless communication is here – How 6G will evolve and its enablers

**11:20** Keynote 2

**Prof Cristiano Tomassoni, IEEE MTT-S DL, University of Perugia**  
Additive manufacturing – Emerging opportunities for microwave components

## Lunch

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**12:10 – 1:10**

## Afternoon

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**1:10** Keynote 3

**Dr Benoit Derat, IEEE EMC-S DL, Rohde & Schwarz, Munich**  
The antenna digital twin – When measurements and simulations unite

**2:00** Keynote 4

**Prof Mihai Datcu, IEEE GRS-S DL, German Aerospace Centre**  
Artificial intelligence for earth observation

**2:50** Coffee

**3:05** Keynote 5

**Prof Alfonso Farina, IEEE AES-S DL, Leonardo Radar & Sensors Academy**  
Towards mature AI-driven sensing – Aspects from a realization perspective

**3:55** Closing remarks

**Dr Hasan Abbas, Secretary IEEE AP-S/MTT-S Joint Chapter**

**4:00 – 5:00** Lab tours