

Session Program

21-25 Sept 2026



12th International Workshop on Thin Films and New Ideas for Pushing the Limits of RF Superconductivity

Emerging Frontiers & Synergies in SRF Thin Films: From Quantum, Sensing to AI-Driven Materials

Crowne Plaza Chester, Chester, United Kingdom, Prince of Wales Suite

Friday 25 September

09:00

Emerging Frontiers & Synergies in SRF Thin Films: From Quantum, Sensing to AI-Driven Materials

Session | **Location:** Crowne Plaza Chester, Chester, United Kingdom, Prince of Wales Suite | **Convener:** Thomas Proslie

09:00–09:20

Advancements in microwave properties of low-Tc and high-Tc superconducting films for haloscopes and other large physics experiments

Speaker

Prof. Nicola Pompeo

09:20–09:40

ALD: A pathway to mitigate two-Level System Defects in Niobium 3D Resonator for quantum applications

Speaker

Dr Yasmine kalboussi

09:40–10:00

Advances in Superconducting Digital Logic

Speaker

Anne-Marie Valente-Feliciano

10:00–10:20

Heterodyne Gravitational Wave Detection ?

Speaker

Marc Wenskat

10:20