

**Session Program**

**7 January 2025**

**DMUK Meeting January 2025 - KCL**

***Morning session 1***

King's College London

Tuesday 7 January

09:50

Morning session 1

Session | Location: Bush House (South Wing), Lecture Theatre 2 (4.04) | Convener: Christopher McCabe

09:50-10:00 Welcome

Speakers  
Christopher McCabe, Dr Jim Dobson, Prof. Malcolm Fairbairn

10:00-10:20 Light dark matter constraints using astrophysical neutrinos

Speaker  
Dr Teppei Katori

10:20-10:40 Science opportunities with long-baseline atom interferometry

Speakers  
Dr Jeremiah Mitchell, Jeremiah Mitchell

10:40-10:55 Massive graviton dark matter searches with long-baseline atom interferometers

Speaker  
John Carlton

10:55-11:15 Directional dark matter searches with levitated quantum sensors

Speaker  
Fiona Alder

11:15