

Session Program

September 22, 2022

DMUK

Session 2 (early pm)

Blackett Laboratory, Imperial College London, Lecture Theatre 2 (Level 1)
Prince Consort Road, London SW7 2AZ

Thu, September 22

1:00 PM

Session 2 (early pm): Quantum sensors for dark matter

Session

Location: Blackett Laboratory, Imperial College London, Lecture Theatre 2 (Level 1), Prince Consort Road, London

Organizer: Dr Christopher McCabe

1:00 - 1:20 PM

An update on Quantum Sensing for the Hidden Sector

Speaker

Ed Daw

1:20 - 1:40 PM

A new search for dark matter axions using quantum technologies

Speaker

Jack Devlin

1:40 - 2:00 PM

QUEST-DMC: Simulation studies for the detection of sub-GeV dark matter with a superfluid ^3He calorimeter.

Speaker

Paolo Franchini

2:00 - 2:20 PM

BREAD: Broadband Reflector Experiment for Axion Detection

Speaker

Jesse Liu

2:20 - 2:40 PM

AION: the Atom Interferometer Observatory and Network

Speaker

Richard Hobson

2:40 - 3:00 PM

Dark matter searches using levitated optomechanics

Speaker

Robert S James

3:00 PM