

Session Program

4-5 Apr 2024

UK Positron Meeting 2024

Positronium Physics

University College London, Harrie Massey Lecture Theatre

Thursday 4 April

13:30

Positronium Physics

Session | **Location:** University College London, Harrie Massey Lecture Theatre | **Convener:** David B Cassidy

13:30–14:00

Measurement of the positronium $2\text{P}_{1/2}$ fluorescence decay rate

Speaker

Rebecca J Daly

14:00–14:30

Positronium density measurement technique using Polaritonics

Speaker

Erika Cortese

14:30–15:00

Similarity of the near-threshold cross-sections for positronium formation and photoionisation in polyatomic molecules

Speaker

Gleb Gribakin

15:00–15:30

Multiple Compton scattering of entangled photons produced by ground-state parapositronium disintegration

Speaker

Dr Peter Caradonna

15:30