

# High Energy Physics: Beyond the Standard Model

2021 Inter-university talk: UCL, ICL and Oxford University

*Notes: all times are in U.K. time. You are encouraged to stay in the zoom call during breaks and discuss with the other attendees, as well as with the speakers, whenever they are available. However, if you decide to leave, please **be back on time**, as we plan for each talk to start at the time they are scheduled. **Please notice this schedule is not definitive and is still subject to changes.***

## Tuesday 26/01

**5:30 pm - 5:40 pm** Welcome from the Presidents of the Physics Societies Network

**5:40 pm - 6:10 pm** Prof John Butterworth (UCL): "News from the energy frontier"

**6:10 pm - 6:25 pm** Q&A with Prof Butterworth

**6:25 pm - 6:35 pm** Break

**6:35 pm - 7:05 pm** Dr Kimberly Palladino (University of Oxford): "The State of the Dark"

**7:05 pm - 7:30 pm** Q&A with Dr Palladino

## Wednesday 27/01

**1:00 pm – 1:05 pm** Introduction to day 2 of the 2021 Inter-university Talk

**1:05 pm – 1:35 pm** Prof Matthew Wing (UCL): "New accelerator technology to enable searches for dark photons and investigation of QCD"

**1:35 pm – 1:50 pm** Q&A with Prof Wing

**1:50 pm – 2:00 pm** Break

**2:00 pm – 2:30 pm** Dr Jose Eliel Camargo-Molina (ICL): "Beyond the Standard Models: Probing the intersection of cosmology and particle physics"

**2:30 pm – 2:45 pm** Q&A with Dr Camargo-Molina

**2:45 pm – 3:10 pm** Break

**3:10 pm – 3:40 pm** Dr William Barter (ICL): "Testing Nature by Examining Flavour"

**3:40 pm – 3:55 pm** Q&A with Dr Barter

**3:55 pm – 4:10 pm** Break

**4:10 pm – 4:40 pm** Prof David Wark (University of Oxford): neutrino physics (*awaiting title*)

**4:40 pm – 4:55 pm** Q&A with Prof Wark

**4:55 pm – 5:00 pm** Closing remarks by the UCL Physics Society