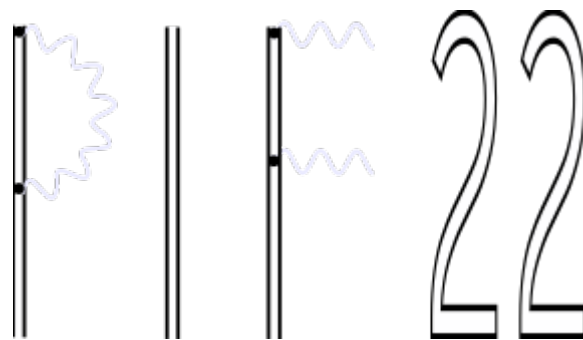


Session Program

29 August 2022 to 2 September 2022



Physics in Intense Fields (PIF22)

Experiment

Monday 29 August

14:10

Experiment

Session | **Convener:** Ben King

14:10–14:40

Prospects for Vacuum Birefringence and Coulomb-assisted Birefringence with HiBEF at EuXFEL/HED

Speaker

Tom Cowan

14:40–15:05

Experimental demonstration of all-optical nonlinear Compton scattering using a multi-petawatt laser

Speaker

Dr Calin Ioan Hojbota

15:05–15:30

Strong field QED in crystals

Speaker

Prof. Ulrik Uggerhøj

15:30

Thursday 1 September

08:30

Experiment

Session | **Convener:** Calin Ioan Hojbota

08:30–08:50

LUXE: A new experiment to study non-perturbative QED in e^+e^- -laser and $e^+e^- \gamma$ -laser collisions.

Speaker

Ruth Magdalena Jacobs

08:50–09:10

High-field QED in the laboratory: current status and near-term opportunities

Speaker

Prof. Gianluca Sarri

09:10