



# Physics in Intense Fields (PIF22)

## Monday 29 August 2022

### Astrophysics and Cosmology (16:55 - 17:50)

-Conveners: James Edwards

time	[id] title	presenter
16:55	[54] Testing Strong-Field QED with X-ray Polarization	Prof. HEYL, Jeremy
17:25	[31] On the role of QED processes in astrophysics of compact objects	Dr PHILIPPOV , Alexander

# Thursday 1 September 2022

## Astrophysics and Cosmology (11:15 - 12:20)

-Conveners: Thomas Heinzl

time	[id] title	presenter
11:15	[6] Kinetic model of pair cascades in pulsar polar caps	Dr GRISMAYER, Thomas
11:40	[20] Vacuum and in-medium polarization phenomena in strong magnetic fields	HATTORI, Koichi
12:00	[49] Baryogenesis from axion inflation	MUKAIDA, Kyohei