

Session Program

4-10 Apr 2022



QM 2022

Parallel Session T09: Ultra-peripheral collisions

Auditorium Maximum UJ
Krakow, Poland

Thursday 7 April

09:00

Parallel Session T09: Ultra-peripheral collisions: I

Session | **Location:** Auditorium Maximum UJ, large aula A | **Convener:** Dariusz Miskowiec

09:00–09:20

Measurements of light-by-light scattering and lepton pair photoproduction in PbPb collisions with the CMS experiment

Speaker

Arash Jofrehei

09:20–09:40

J/ψ photoproduction and the production of dileptons via photon-photon interactions in hadronic Pb-Pb collisions measured with ALICE

Speaker

Alexandra Neagu

09:40–10:00

Quarkonia Production in Ultraperipheral PbPb collisions at LHCb

Speaker

Samuel Belin

10:00–10:20

Measurements of photon-photon fusion processes in ultra-peripheral Pb+Pb collisions with ATLAS

Speaker

Peter Alan Steinberg

10:20–10:40

Collision species and beam energy dependences of photon-induced lepton pair production at STAR

Speaker

Xiaofeng Wang

10:40

11:10

Parallel Session T09: Ultra-peripheral collisions: II

Session | **Location:** Auditorium Maximum UJ, large aula A | **Convener:** George Stephans

11:10–11:30

Studies of low- x phenomena with the LHCb detector

Speaker

Óscar Boente García

11:30–11:50

Υ photoproduction results from ALICE

Speaker

Tomas Herman

11:50–12:10

Measurement of exclusive vector meson photoproduction in pPb and PbPb collisions with the CMS experiment

Speaker

Kousik Naskar

12:10-12:30

Observation of $\gamma+\gamma\rightarrow\tau+\tau$ in Pb+Pb collisions and constraints on the τ -lepton $g-2$ with the ATLAS detector**Speaker**

Jakub Kremer

12:30-12:50

Anomalous electromagnetic moments of τ lepton from $\gamma\gamma\rightarrow\tau^+\tau^-$ processes in ultraperipheral Pb+Pb collisions at the LHC**Speaker**

Dr Mariola Klusek-Gawenda

12:50-13:10

Exclusive J/Psi production in ultraperipheral Pb+Pb collisions to NLO pQCD**Speaker**

Topi Loytainen

13:10