

## **Session Program**

**9-13 Jun 2025**

**UPC2025: The second international workshop  
on the physics of Ultra Peripheral Collisions**

***Monte Carlo event generators for UPCs and  
photon-mediated processes***

Saariselkä, Finland  
Lapland Hotels Riekonlinna

# Wednesday 11 June

09:30

## Monte Carlo event generators for UPCs and photon-mediated processes

**Session** | **Location:** Saariselkä, Finland, Lapland Hotels Riekonlinna

09:30–09:50

### Recent development on gamma gamma collisions at hadron colliders

#### Speaker

Nicolas Crépet

09:50–10:10

### Upccgen: An event generator for dilepton pair production in UPCs

#### Speaker

Paul Alois Buhler

10:10–10:30

### LbLatNLO: light-by-light at NLO

#### Speaker

AJJATH ABDUL HAMEED

10:30

11:00

## Monte Carlo event generators for UPCs and photon-mediated processes

**Session** | **Location:** Saariselkä, Finland, Lapland Hotels Riekonlinna

11:00–11:20

### The STARlight Monte Carlo Event Generator

#### Speaker

Prof. Janet Seger

11:20–11:40

### Dijet Photoproduction in POWHEG-Box

#### Speaker

Alexander Feike

11:40–12:00

### MC@NLO for UPCs in Sherpa

#### Speaker

Peter Meininger

12:00–12:20

### Photo-nuclear collisions in Pythia 8

#### Speaker

Dr Ilkka Helenius

12:20–12:40

### Describing UPC data with the Sartre event generator

#### Speakers

Tobias Toll, Vaidehi Nattoja

12:40