

## **Session Program**

**Sep 12 - 14, 2022**

## **FOR2783 2022**

### ***Electron-positron pair creation***

LMU Munich - Garching, Lecture hall

Am Coulombwall 1, 85748 Garching Also via Zoom: <https://lmu-munich.zoom.us/j/99131580222?pwd=dIBpTkVLCjVtVXRBZHdPRzlsScEtFZz09> Meeting-ID: 991 3158 0222 Kenncode: 300448

# Mon, September 12

4:00 PM

## Electron-positron pair creation

### Session |

**Location:** LMU Munich - Garching, Lecture hall, Am Coulombwall 1, 85748 Garching Also via Zoom: <https://lmu-munich.zoom.us/j/99131580222?pwd=dIBpTkVLcjVtVXRBRZhdPRzlsclEtFZz09> Meeting-ID: 991 3158 0222 Kenncode: 300110

4:00 - 4:45 PM

### **Strong-field Breit-Wheeler pair production with bremsstrahlung gamma-rays in the perturbative-to-nonperturbative transition regime**

#### **Speaker**

Alexandra Eckey

4:45 - 5:30 PM

### **The role of laser focusing in nonlinear Breit-Wheeler pair production from collisions of bremsstrahlung $\gamma$ quanta and a tightly focused laser pulse**

#### **Speaker**

Alina Golub

5:30 PM

## Tue, September 13

9:15 AM

### Electron-positron pair creation

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9:15 - 10:00 AM

### The non-linear dynamical numerical solution of quantum electromagnetism for purely time-dependent electric scalar fields

**Speaker**

Yukiko Song

10:00 AM

## Wed, September 14

9:15 AM

### Electron-positron pair creation

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9:15 - 10:00 AM

#### First background measurements at CALA

**Speaker**

Felipe Salgado

10:00 - 10:45 AM

#### Update on the status of E3-experiments at CALA

**Speaker**

Katinka von Grafenstein

10:45 AM