

Programm der Sitzung

12.-14. Sept. 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=dIBpTkVLCjVtVXRhZhdPRzlsScEtFZz09> Meeting-ID: 991 3158 0222 Kenncode: 300448

Mo., 12. September

16:00

Electron-positron pair creation

Sitzung |

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16:00–16:45 Uhr

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

Sprecher

Alexandra Eckey

16:45–17:30 Uhr

The role of laser focusing in nonlinear Breit-Wheeler pair production from collisions of bremsstrahlung γ quanta and a tightly focused laser pulse

Sprecher

Alina Golub

17:30

Di., 13. September

09:15

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09:15–10:00 Uhr

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

Sprecher

Yukiko Song

10:00

Mi., 14. September

09:15

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09:15–10:00 Uhr **First background measurements at CALA**

Sprecher

Felipe Salgado

10:00–10:45 Uhr **Update on the status of E3-experiments at CALA**

Sprecher

Katinka von Grafenstein

10:45