

Programm der Sitzung

12.-14. Sept. 2022

FOR2783 2022

Quantum vacuum nonlinearities in the all-optical regime

LMU Munich - Garching, Lecture hall

Am Coulombwall 1, 85748 Garching Also via Zoom: <https://lmu-munich.zoom.us/j/99131580222?pwd=dIBpTkVLcjVtVXRbZhdPRzlsclscEtFZz09> Meeting-ID: 991 3158 0222 Kenncode: 300448

Di., 13. September

10:00

Quantum vacuum nonlinearities in the all-optical regime

Sitzung |

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10:00–10:45 Uhr

Applications of our Heisenberg-Euler Weak-Field Expansion Simulator in 1D and 2D

Sprecher

Baris Ölmez

10:45–11:30 Uhr

Quantum Vacuum Signals in Two-Beam Collision from a Broader Perspective

Sprecher

Holger Gies

11:30

13:00

Quantum vacuum nonlinearities in the all-optical regime

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13:00–13:45 Uhr

Photon merging in the collision of two laser pulses - revised

Sprecher

Chantal Sundqvist

13:45–14:30 Uhr

Precise intensity tagging for ultrashort high-power lasers

Sprecher

Xinhe Huang

14:30–15:15 Uhr

Project E2 - photon photon scattering - progress and plans

Sprecher

Herr Leonard Doyle

15:15