

Working group Strong Fields
(G. Gregori, B. Kaempfer)

(Speakers in alphabetic order)

Oral presentations on Monday, 14:00 - 18:00

1. R. Alkofer + F. Kohlfurst, Pair production in the subcritical region: quantum kinetics, optimal control
2. D. Blaschke, Pair production: dynamical Schwinger process
3. A. DiPiazza, Classical and quantum electrodynamics effects in intense laser fields
4. T. Heinzl, Probing light by light
5. F. Karbstein, Signatures of QED vacuum nonlinearities
6. C. Rizzo, QED and physics beyond the standard model
7. H. Ruhl + N. Elkina + S. King + P. Bohl, Secondary pair production; Numerics for birefringence

Discussion and oral presentations on Tuesday, 14:00 - 16:00

1. C. Mueller, Pair production processes
2. R. Schutzhold, Dynamically assisted Sauter-Schwinger effect

Contributing experts:

C. Keitel, T. Nusch, A. Otto, D. Seipt, A. Wipf,