

5th workshop on Applications of Dielectric Laser Accelerators

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and Introduction

Monday 27 September 2021 09:00 (20 minutes)

Presenters: HOMMELHOFF, Peter (Friedrich Alexander University Erlangen-Nürnberg (FAU)); BYER, Robert L. Byer (Stanford University)

Contribution ID: 2

Type: **not specified**

Nano-optics with femtosecond electron pulses in an Ultrafast Electron Microscope

Monday 27 September 2021 09:20 (40 minutes)

Presenter: ARBOUET, Arnaud (CNRS)

Contribution ID: 3

Type: **not specified**

Shorter and brighter beams for MeV UED

Monday 27 September 2021 10:00 (40 minutes)

Presenter: LI, Renkai (Tsinghua University)

Contribution ID: 4

Type: **not specified**

An x-ray source for MRT and FLASH

Monday 27 September 2021 11:10 (40 minutes)

Presenter: BARTZSCH, Stefan (Technical University Munich)

Contribution ID: 5

Type: **not specified**

Nanoscale coherent optical excitations in the scanning electron microscope

Monday 27 September 2021 11:50 (40 minutes)

Presenter: POLMAN, Albert (AMOLF)

Contribution ID: 6

Type: **not specified**

From irradiation at ultrahigh dose rate to FLASH Radiotherapy: Experimental, conceptual and clinical challenges

Monday 27 September 2021 14:00 (40 minutes)

Presenter: VOZENIN, Marie-Catherine (CHUV Lausanne)

Contribution ID: 7

Type: **not specified**

Imaging ultrafast structural dynamics in molecules with electron diffraction

Monday 27 September 2021 14:40 (40 minutes)

Presenter: CENTURION, Martin (University of Nebraska-Lincoln)

Contribution ID: 8

Type: **not specified**

Snapshots of electron-light interactions in a Transmission Electron Microscope

Monday 27 September 2021 15:50 (40 minutes)

Presenter: CARBONE, Fabrizio

Contribution ID: 9

Type: **not specified**

General discussion

Monday 27 September 2021 16:30 (1 hour)

Presenter: AND PARTICIPANTS, All speakers