

# **Zoom Telecon on Applications of Dielectric Laser Accelerators**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Opening Remarks

*Tuesday 23 June 2020 08:00 (5 minutes)*

**Presenter:** Prof. BYER, Robert L. Byer (Stanford University)

**Session Classification:** Introduction and Overview

Contribution ID: 1

Type: **not specified**

## Workshop Overview and Charge Questions

*Tuesday 23 June 2020 08:05 (15 minutes)*

**Presenter:** Dr ENGLAND, Joel (SLAC)

**Session Classification:** Introduction and Overview

Contribution ID: 2

Type: **not specified**

## **Temporal Talbot effect and attosecond electron pulses at maximum contrast**

*Tuesday 23 June 2020 08:20 (15 minutes)*

**Presenter:** BAUM, Peter (Universität Konstanz)

**Session Classification:** UED and Attosecond Science

Contribution ID: 3

Type: **not specified**

## On-Chip Attosecond Physics

*Tuesday 23 June 2020 08:35 (15 minutes)*

**Presenter:** KEATHLEY, Donnie (MIT)

**Session Classification:** UED and Attosecond Science

Contribution ID: 4

Type: **not specified**

## **PHz Electronics - Attosecond field-induced dynamics in condensed matter**

*Tuesday 23 June 2020 08:50 (15 minutes)*

**Presenter:** KELLER, Ursula (ETH Zurich)

**Session Classification:** UED and Attosecond Science

Contribution ID: 5

Type: **not specified**

## **Ultrafast Electron Scattering: Probing Coupled Carrier-lattice Dynamics in Materials**

*Tuesday 23 June 2020 09:05 (15 minutes)*

**Presenter:** SIWICK, Bradley (McGill University)

**Session Classification:** UED and Attosecond Science

Contribution ID: 6

Type: **not specified**

## **Electron nanodiffraction applications in biology**

*Tuesday 23 June 2020 09:40 (15 minutes)*

**Presenter:** ABRAHAMS, Jan Peter (PSI)

**Session Classification:** Biomedical and Radiation Generation



Contribution ID: 7

Type: **not specified**

## **Ultra-compact Devices for Intra-Operative electron Radio-Therapy**

*Tuesday 23 June 2020 09:55 (15 minutes)*

**Presenter:** FAILLACE, Luigi (University of Rome)

**Session Classification:** Biomedical and Radiation Generation

Contribution ID: 8

Type: **not specified**

## FLASH radiotherapy

*Tuesday 23 June 2020 10:10 (15 minutes)*

**Presenter:** SAFAI, Sairos (PSI)

**Session Classification:** Biomedical and Radiation Generation

Contribution ID: 9

Type: **not specified**

## **Compact and integrable free-electron light sources**

*Tuesday 23 June 2020 10:25 (15 minutes)*

**Presenter:** SOLJACIC, Marin (MIT)

**Session Classification:** Biomedical and Radiation Generation

Contribution ID: **10**

Type: **not specified**

## **Distributed-feedback Cherenkov laser**

**Presenter:** Prof. HUANG, Yen-Chieh (National Tsinghua University)

Contribution ID: **11**

Type: **not specified**

## Discussion

*Tuesday 23 June 2020 09:20 (15 minutes)*

**Session Classification:** UED and Attosecond Science

Contribution ID: **12**

Type: **not specified**

## Discussion

*Tuesday 23 June 2020 10:40 (15 minutes)*

**Session Classification:** Biomedical and Radiation Generation