

# **2nd Topical Workshop on Laser Technology and Optics Design**



## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome / Admin & Logistics

*Monday, November 4, 2013 8:30 AM (30 minutes)*

**Presenter:** Prof. POPRAWE, Reinhart (RWTH, Aachen LLT, ILT)

Contribution ID: 1

Type: **not specified**

## **Introduction / LA<sup>3</sup>NET**

*Monday, November 4, 2013 9:00 AM (30 minutes)*

**Presenter:** Prof. WELSCH, Carsten (Cockcroft Institute)

Contribution ID: 2

Type: **not specified**

# General optics design I

*Monday, November 4, 2013 9:30 AM (1 hour)*

**Presenter:** Prof. LOOSEN, Peter (RWTH, Aachen TOS, ILT)

Contribution ID: 3

Type: **not specified**

## **General optics design II**

*Monday, November 4, 2013 11:00 AM (2 hours)*

Incl. corrective optics and characterisation

**Presenter:** TRAUB, Martin (ILT)

Contribution ID: 4

Type: **not specified**

## **Differences between photon beams and charged particle beams**

*Monday, November 4, 2013 2:30 PM (1h 30m)*

**Presenter:** Prof. GILLESPIE, Allan (University of Dundee, Scotland, UK)

Contribution ID: 5

Type: **not specified**

## Overview of laser sources

*Monday, November 4, 2013 4:30 PM (1h 30m)*

benefits, suitability to different applications, parameter range

**Presenter:** HOFFMANN, Dieter (ILT)

Contribution ID: 6

Type: **not specified**

## **Beam characterisation**

*Tuesday, November 5, 2013 8:30 AM (2 hours)*

**Presenter:** Dr EPPICH, Bernd (FBH Berlin)



Contribution ID: 7

Type: **not specified**

# Optical component characterisation I (Thermomechanical Testing)

*Tuesday, November 5, 2013 11:00 AM (1 hour)*

**Presenters:** LIERMANN, Erik (ILT); STROTKAMP, Michael (ILT)

Contribution ID: 8

Type: **not specified**

## **Optical component characterisation II (Absorption of Crystals and Substrates and Coatings)**

*Tuesday, November 5, 2013 12:00 PM (1 hour)*

**Presenters:** MEISNER, Ansgar (ILT); GRONLOH, Bastian (ILT)

Contribution ID: 9

Type: **not specified**

## **B. Tunable lasers and frequency conversion**

*Tuesday, November 5, 2013 4:30 PM (1h 30m)*

**Presenter:** Dr JUNGBLUTH, Bernd (ILT)

Contribution ID: **10**

Type: **not specified**

## **A. Design of beam transfer lines / imaging optics**

**Presenter:** Dr MAIER, Andreas (CFEL)

Contribution ID: 11

Type: **not specified**

## **A. High power enhancement cavities**

*Tuesday, November 5, 2013 4:30 PM (1h 30m)*

**Presenter:** Dr PUPEZA, Ioachim (MPQ, München)

Contribution ID: 12

Type: **not specified**

# **Realization of relativistic light intensities with ultrafast TW-lasers for particle acceleration View from the experimentalist**

*Wednesday, November 6, 2013 8:30 AM (1 hour)*

**Presenter:** Dr SCHNÜRER, Matthias (Max Born in Berlin)

Contribution ID: 13

Type: **not specified**

## **B. Pulse Enhancement in Passive Cavities - Locking Aspects**

**Presenter:** Dr PUPEZA, Ioachim (MPQ, München)

Contribution ID: 14

Type: **not specified**

## **Design of beam transfer lines / imaging optics**

*Wednesday, November 6, 2013 9:30 AM (2h 30m)*

**Presenter:** Dr MAIER, Andreas (CFEL)