

2nd Topical Workshop on Laser Technology and Optics Design



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome / Admin & Logistics

Monday 4 November 2013 08:30 (30 minutes)

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

Contribution ID: 1

Type: **not specified**

Introduction / LA³NET

Monday 4 November 2013 09:00 (30 minutes)

Presenter: Prof. WELSCH, Carsten (Cockcroft Institute)

Contribution ID: 2

Type: **not specified**

General optics design I

Monday 4 November 2013 09:30 (1 hour)

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

Contribution ID: 3

Type: **not specified**

General optics design II

Monday 4 November 2013 11:00 (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 4 November 2013 14:30 (1h 30m)

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

Contribution ID: 5

Type: **not specified**

Overview of laser sources

Monday 4 November 2013 16:30 (1h 30m)

benefits, suitability to different applications, parameter range

Presenter: HOFFMANN, Dieter (ILT)

Contribution ID: 6

Type: **not specified**

Beam characterisation

Tuesday 5 November 2013 08:30 (2 hours)

Presenter: Dr EPPICH, Bernd (FBH Berlin)

Contribution ID: 7

Type: **not specified**

Optical component characterisation I (Thermomechanical Testing)

Tuesday 5 November 2013 11:00 (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 5 November 2013 12:00 (1 hour)

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

Contribution ID: 9

Type: **not specified**

B. Tunable lasers and frequency conversion

Tuesday 5 November 2013 16:30 (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 5 November 2013 16:30 (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 6 November 2013 08:30 (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 6 November 2013 09:30 (2h 30m)

Presenter: Dr MAIER, Andreas (CFEL)