

# 9th Workshop on Longitudinal Electron Bunch Diagnostics



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## Welcome and organisational aspects

*Wednesday 20 February 2019 13:00 (30 minutes)*

**Presenters:** MAI, Carsten (TU Dortmund University); GERTH, Christopher (Deutsches Elektronen-Synchrotron DESY)

Contribution ID: 2

Type: **not specified**

## **DELTA Tour**

*Friday 22 February 2019 14:45 (1 hour)*

Contribution ID: 3

Type: **not specified**

## **WG 1: Compression Monitors and THz detectors**

*Wednesday 20 February 2019 14:15 (1h 45m)*

Contribution ID: 4

Type: **not specified**

## **WG 2: Electro-Optical Diagnostics**

*Wednesday 20 February 2019 14:15 (1h 45m)*

Contribution ID: 5

Type: **not specified**

## **WG 3: THz Streaking of the Primary Electron Beam**

*Wednesday 20 February 2019 14:15 (1h 45m)*

Contribution ID: 6

Type: **not specified**

## **WG 4: Laser Heater Diagnostics**

*Wednesday 20 February 2019 14:15 (1h 45m)*

Contribution ID: 7

Type: **not specified**

## **WG 5: Fast Detectors and Data Acquisition**

*Wednesday 20 February 2019 14:15 (1h 45m)*



Contribution ID: 8

Type: **not specified**

## **WG 6: Ionization of Gas by the Electron Beam**

Contribution ID: 9

Type: **not specified**

## Discussion

*Saturday 23 February 2019 09:00 (1 hour)*

Contribution ID: **10**

Type: **not specified**

## **Guided Tour to the "Working World Exhibition" Dortmund**

*Saturday 23 February 2019 10:30 (2 hours)*

<https://www.dasa-dortmund.de/en/home/>

Contribution ID: 11

Type: **not specified**

## **WG 1: Compression Monitors and THz detectors**

*Wednesday 20 February 2019 16:30 (1h 30m)*

Contribution ID: 12

Type: **not specified**

## **WG 2: Electro-Optical Diagnostics**

*Wednesday 20 February 2019 16:30 (1h 30m)*

Contribution ID: 13

Type: **not specified**

## **WG 3: THz Streaking of the Primary Electron Beam**

*Wednesday 20 February 2019 16:30 (1h 30m)*

Contribution ID: 14

Type: **not specified**

## **WG 4: Laser Heater Diagnostics**

*Wednesday 20 February 2019 16:30 (1h 30m)*

Contribution ID: 15

Type: **not specified**

## **WG 5: Fast Detectors and Data Acquisition**

*Wednesday 20 February 2019 16:30 (1h 30m)*



Contribution ID: **16**

Type: **not specified**

## **WG6**

Contribution ID: 17

Type: **not specified**

## Facility Status Reports

Contribution ID: **18**

Type: **not specified**

## **WG Summary THz Streaking, Laser Heater Diagnostics**

Contribution ID: 19

Type: **not specified**

## **Speed Poster Presentation: THz Streaking, Laser Heater Diagnostics**

Contribution ID: 20

Type: **not specified**

## Overview Talk 2

Contribution ID: 21

Type: **not specified**

**Overview Talk: "Angular Streaking at XFELs:  
Spiralling in on Attosecond X - ray Science", Prof. Dr.  
W. Helml**

Contribution ID: 22

Type: **not specified**

## **WG Summary: Fast Detectors & DAQ**

Contribution ID: 23

Type: **not specified**

## **WG Summary: WG6**



Contribution ID: 24

Type: **not specified**

## **Speed Poster Presentation: WG Fast Detectors & DAQ**

Contribution ID: 25

Type: **not specified**

## **Workshop Summary and open Discussion**

*Friday 22 February 2019 13:25 (35 minutes)*

Contribution ID: 26

Type: **not specified**

## Next Workshop

*Friday 22 February 2019 14:00 (15 minutes)*

Contribution ID: 27

Type: **not specified**

## Final Remarks

*Friday 22 February 2019 14:15 (15 minutes)*

Contribution ID: 28

Type: **not specified**

## **Reconvene in Working Groups: Summary Production**

*Thursday 21 February 2019 08:40 (50 minutes)*

Contribution ID: 29

Type: **not specified**

## **Overview Talk: "Diagnostics Challenges at SLS2"**