

# CompactLight Follow-Up Meeting



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## **Lunch (University Club)**

Contribution ID: 2

Type: **not specified**

## Welcome from TU/e

*Monday 3 April 2023 14:00 (10 minutes)*

**Presenter:** LUITEN, Otger Jan

Contribution ID: 3

Type: **not specified**

## The CompactLight Project

*Monday 3 April 2023 14:10 (10 minutes)*

**Presenter:** D'AURIA, Gerardo (Elettra Trieste)

Contribution ID: 4

Type: **not specified**

## **Smart\*Light: A compact X-ray source for materials characterization**

*Monday 3 April 2023 14:25 (20 minutes)*

**Presenter:** NIJHOF, Daniel (Eindhoven University of Technology)

Contribution ID: 5

Type: **not specified**

## **CompactLight accelerating structure prototyping**

*Monday 3 April 2023 14:50 (20 minutes)*

**Presenter:** MORALES SANCHEZ, Pedro (CERN)

Contribution ID: 6

Type: **not specified**

## Status of the C-band Gun development

*Monday 3 April 2023 15:15 (20 minutes)*

**Presenter:** Dr CARDELLI, Fabio

Contribution ID: 7

Type: **not specified**

## Coffee break



Contribution ID: 8

Type: **not specified**

# High efficiency X-band Klystrons developments

*Monday 3 April 2023 16:00 (20 minutes)*

**Presenter:** SYRATCHEV, Igor (CERN)

Contribution ID: 9

Type: **not specified**

## **X-band technology applications for accelerators**

**Presenter:** WUENSCH, Walter (CERN)

Contribution ID: **10**

Type: **not specified**

## **X-band technology applications for accelerators**

*Monday 3 April 2023 16:25 (20 minutes)*

**Presenter:** WUENSCH, Walter (CERN)

Contribution ID: 11

Type: **not specified**

## **Lessons learned at IFIC with the CompactLight project**

*Monday 3 April 2023 16:50 (20 minutes)*

**Presenter:** GONZÁLEZ IGLESIAS, Daniel (IFIC (UV))

Contribution ID: 12

Type: **not specified**

## **Experience gained in the XLS project**

*Monday 3 April 2023 17:15 (20 minutes)*

**Presenter:** VAN DEN BERG, Miranda

Contribution ID: 13

Type: **not specified**

## **Dinner (Restaurant Kazerne)**

Contribution ID: 14

Type: **not specified**

## **A high-flux, compact, linac-based Inverse-Compton Scattering source**

*Tuesday 4 April 2023 08:45 (20 minutes)*

**Presenter:** MUSAT, Vlad (University Politehnica of Bucharest (RO))

Contribution ID: 15

Type: **not specified**

## **Microbunching Instability in FELs: Present and Future Perspectives**

*Tuesday 4 April 2023 09:10 (20 minutes)*

**Presenter:** BRYNES, Alexander (Elettra - Sincrotrone Trieste)



Contribution ID: 16

Type: **not specified**

## **Self-locked time-resolved measurements with a passive streaker at linear accelerators and x-ray FELs**

*Tuesday 4 April 2023 09:35 (20 minutes)*

**Presenter:** MALYZHENKOV, Alexander (CERN)

Contribution ID: 17

Type: **not specified**

## Coffee break

Contribution ID: **18**

Type: **not specified**

## **Helical Superconducting Undulator R&D at STFC**

*Tuesday 4 April 2023 10:20 (20 minutes)*

**Presenter:** Mr SHEPHERD, Ben

Contribution ID: 19

Type: **not specified**

## **Undulator options for the EuPRAXIA@SPARC\_LAB AQUA FEL line**

*Tuesday 4 April 2023 10:45 (20 minutes)*

**Presenter:** Dr NGUYEN, Federico (ENEA-Frascati & INFN-LNF)

Contribution ID: 20

Type: **not specified**

## **Development and realisation of the innovative APPLE-X AX-55 for SABINA project, INFN-LNF**

*Tuesday 4 April 2023 11:35 (20 minutes)*

**Presenter:** POCKAR, Jure (Kyma)

Contribution ID: 21

Type: **not specified**

## **Research on microwave undulator and high-power gyro-klystron drive sources**

*Tuesday 4 April 2023 11:10 (20 minutes)*

**Presenter:** WHYTE, Colin (University of Strathclyde)

Contribution ID: 22

Type: **not specified**

## Concluding remarks

*Tuesday 4 April 2023 12:00 (10 minutes)*

**Presenter:** D'AURIA, Gerardo (Elettra Trieste)

Contribution ID: 23

Type: **not specified**

## **Lunch (University Club)**



Contribution ID: 24

Type: **not specified**

## Smart\*Light Lab visit

*Tuesday 4 April 2023 13:10 (1 hour)*

Contribution ID: 25

Type: **not specified**

## Transfer to VDL-ETG

*Tuesday 4 April 2023 14:10 (20 minutes)*

Contribution ID: 26

Type: **not specified**

## VDL-ETG visit

*Tuesday 4 April 2023 14:30 (2 hours)*

Contribution ID: 27

Type: **not specified**

## **Smart\*Light Lab visit**

**Session Classification:** Visit

Contribution ID: 28

Type: **not specified**

## **Transfer to VDL-ETG**

**Session Classification:** Visit

Contribution ID: 29

Type: **not specified**

# **Radiation Protection Study for the CompactLight FEL**

*Tuesday 4 April 2023 08:30 (15 minutes)*

**Presenters:** TAXEIDI, Artemis; GAZIS, Evangelos (National Technical Univ. of Athens (GR))