

# **SAPPHiRE DAY**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Physics case: Theory

*Tuesday, 19 February 2013 09:00 (25 minutes)*

**Primary author:** ELLIS, Jonathan R. (CERN)

**Presenter:** ELLIS, Jonathan R. (CERN)

Contribution ID: 1

Type: **not specified**

## Physics case: Experiment

*Tuesday, 19 February 2013 09:25 (25 minutes)*

**Primary author:** VELASCO, Mayda (Northwestern University (US))

**Presenter:** VELASCO, Mayda (Northwestern University (US))

Contribution ID: 2

Type: **not specified**

## **Machine concept & options**

*Tuesday, 19 February 2013 09:50 (25 minutes)*

**Presenter:** ZIMMERMANN, Frank (CERN)

Contribution ID: 3

Type: **not specified**

## Luminosity simulation

*Tuesday, 19 February 2013 10:15 (20 minutes)*

**Presenter:** ZANETTI, Marco (Massachusetts Inst. of Technology (US))

Contribution ID: 4

Type: **not specified**

## **Commercial lasers & future extrapolation**

*Tuesday, 19 February 2013 10:35 (25 minutes)*

**Presenter:** CORNER, Laura (Oxford University)

Contribution ID: 5

Type: **not specified**

## **R&D status for gamma-ray and X-ray generation based on Compton scattering at KEK**

*Tuesday, 19 February 2013 11:15 (20 minutes)*

**Presenter:** URAKAWA, Junji (KEK)

Contribution ID: 6

Type: **not specified**

## Feedback R&D for Optical Cavity

*Tuesday, 19 February 2013 11:35 (20 minutes)*

**Presenter:** TANAKA, Ryuta (Hiroshima University)

Contribution ID: 7

Type: **not specified**

## **Compton collision scheme of the EGAMMAS Proposal for ELI-NP**

*Tuesday, 19 February 2013 11:55 (25 minutes)*

**Presenter:** SERAFINI, Luca (INFN-Milan)

Contribution ID: 8

Type: **not specified**

## Optical cavity & IR design for gamma-gamma collider

*Tuesday, 19 February 2013 12:20 (25 minutes)*

**Presenter:** MONIG, Klaus (Deutsches Elektronen-Synchrotron (DE))

Contribution ID: 9

Type: **not specified**

## **High finesse multi-mirror optical cavity w feedback**

*Tuesday, 19 February 2013 14:00 (25 minutes)*

**Presenter:** Dr ZOMER, Fabian (Université Paris-11/LAL-CNRS-IN2P3)

Contribution ID: **10**

Type: **not specified**

## **LAL Compton collisions and Thom-X project**

*Tuesday, 19 February 2013 14:25 (25 minutes)*

**Presenter:** Dr VARIOLA, Alessandro (LAL)

Contribution ID: 11

Type: **not specified**

## **FEL-Compton scheme and outlook**

*Tuesday, 19 February 2013 14:50 (25 minutes)*

**Presenter:** Prof. LITVINENKO, Vladimir (Brookhaven National Laboratory)

Contribution ID: 12

Type: **not specified**

## High average power femtosecond laser technology

*Tuesday, 19 February 2013 15:15 (25 minutes)*

**Presenter:** HANNA, Mark (Institut d'Optique Palaiseau)

Contribution ID: 13

Type: **not specified**

## **Current status and future of high-power ultrafast industrial lasers**

*Tuesday, 19 February 2013 15:40 (25 minutes)*

**Presenter:** Mr ZAOUTER, Yoann (Amplitude Systemes)

Contribution ID: 14

Type: **not specified**

## Extrapolating Current Laser Technology for a SAPPHiRE Laser System

*Tuesday, 19 February 2013 16:20 (25 minutes)*

**Presenters:** GRONBERG, Jeffrey Batton (Lawrence Livermore Nat. Laboratory (LLNL)-Unknown-Unknown); Dr GRONBERG, Jeffrey (Lawrence Livermore National Lab)

Contribution ID: 15

Type: **not specified**

## **Gamma-gamma & Compton studies at FACET-2**

*Tuesday, 19 February 2013 16:45 (25 minutes)*

**Presenter:** Dr YAKIMENKO, Vitaly (BNL)