

4th EPS TIG Hands-on Event for Science, Technology and Interfaces (CERN, IdeaSquare)

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction and purpose of the Event, allocation of Teams

Friday 13 October 2023 12:30 (45 minutes)

Presenter: Dr KUBSKY, Stefan

Contribution ID: 2

Type: **not specified**

Visit to Experiment(s)

Friday 13 October 2023 13:15 (2h 15m)

Contribution ID: 3

Type: **not specified**

Introduction to IdeaSquare and its facilities

Friday 13 October 2023 17:45 (1h 15m)

Presenter: NORDBERG, Markus (CERN)

Contribution ID: 4

Type: **not specified**

Introduction to rapid prototyping

Saturday 14 October 2023 09:00 (1h 15m)

Presenter: ZIMMERMANN, Dina

Contribution ID: 5

Type: **not specified**

Experiment 1: Doppler

Saturday 14 October 2023 11:00 (3 hours)

Presenter: KUBSKY, Stefan

Contribution ID: 6

Type: **not specified**

Session 2: Programming

Contribution ID: 7

Type: **not specified**

Experiment 2: OXYO versus Wheastone bridge: hands-on nanometrology

Saturday 14 October 2023 15:30 (3h 30m)

Presenter: KUBSKY, Stefan

Contribution ID: 8

Type: **not specified**

Independent work on detectors and interfaces (voluntary)

Saturday 14 October 2023 20:00 (3 hours)

Contribution ID: 9

Type: **not specified**

Session 3: Introduction to Labview FPGAs

Sunday 15 October 2023 09:00 (4 hours)

<https://indico.cern.ch/event/1201949/attachments/2510373/4314615/Installation%20VirtualBox.pdf>

Presenter: ANDREASSEN, Odd Oyvind (CERN)

Contribution ID: **10**

Type: **not specified**

Session 4: Building interfaces

Contribution ID: 11

Type: **not specified**

Introduction to CERN Technologies & Knowledge Transfer

Friday 13 October 2023 16:00 (1 hour)

Presenter: Mr RAVIKUMAR, Ash

Contribution ID: 12

Type: **not specified**

Team presentations

Sunday 15 October 2023 14:00 (1h 30m)

Presenter: Dr KUBSKY, Stefan

Contribution ID: 13

Type: **not specified**

Summary and Conclusions

Sunday 15 October 2023 15:30 (30 minutes)

Presenter: Dr KUBSKY, Stefan

Contribution ID: 14

Type: **not specified**

IP Commercialization

Friday 13 October 2023 17:00 (45 minutes)

Presenter: Mr RAVIKUMAR, Ash

Contribution ID: 15

Type: **not specified**

Lecture; Introduction in Optics interferometry and applications

Saturday 14 October 2023 10:15 (45 minutes)

Presenter: DENNETIERE, David (SOLEIL)

Contribution ID: 16

Type: **not specified**

Video-introduction to OXYO,

Saturday 14 October 2023 15:00 (30 minutes)

Olivier Acher from Horiba just gave his OK for a short video-intro to OXYO,

Presenter: Dr ARCHER, Olivier