

# **Workshop high school cosmic ray experiments**

## **Report of Contributions**

Contribution ID: 3

Type: **not specified**

## Arrival

*Wednesday, 15 February 2017 09:30 (30 minutes)*

Arrival at centro Fermi, obtain badges etc.

**Session Classification:** Morning session

Contribution ID: 4

Type: **not specified**

## Introduction

*Wednesday, 15 February 2017 10:00 (10 minutes)*

organisation and goal of the workshop

**Presenter:** TIMMERMANS, Charles

**Session Classification:** Morning session

Contribution ID: 5

Type: **not specified**

## Welcome

*Wednesday, 15 February 2017 10:10 (15 minutes)*

**Presenter:** CIFARELLI, Luisa (Universita e INFN (IT))

**Session Classification:** Morning session

Contribution ID: 6

Type: **not specified**

## HiSPARC

*Wednesday, 15 February 2017 10:25 (25 minutes)*

**Presenter:** Mr VAN DAM, Kasper (Nikhef)

**Session Classification:** Morning session

Contribution ID: 7

Type: **not specified**

## HiSPARC analysis

*Wednesday, 15 February 2017 10:55 (25 minutes)*

**Presenter:** Mr SCHULTEISS, Niek (Nikhef)

**Session Classification:** Morning session

Contribution ID: 8

Type: **not specified**

## **Dutch Teacher in Research program**

*Wednesday, 15 February 2017 11:20 (25 minutes)*

**Presenter:** VAN HOLTEN, Jan

**Session Classification:** Morning session

Contribution ID: 9

Type: **not specified**

## APPEC

*Wednesday, 15 February 2017 13:50 (15 minutes)*

**Presenter:** MASIERO, Antonio (INFN)

**Session Classification:** Afternoon session



Contribution ID: **10**

Type: **not specified**

## **IPPOG**

*Wednesday, 15 February 2017 14:05 (15 minutes)*

**Presenter:** GOLDFARB, Steven (University of Melbourne (AU))

**Session Classification:** Afternoon session

Contribution ID: 11

Type: **not specified**

## **Muon lifetime and other classroom experiments in Amsterdam**

*Wednesday, 15 February 2017 11:45 (15 minutes)*

**Presenter:** LINDE, Frank (Nikhef National institute for subatomic physics (NL))

**Session Classification:** Morning session

Contribution ID: 12

Type: **not specified**

## **Extreme Energy Events: physics program and perspectives**

*Wednesday, 15 February 2017 14:20 (25 minutes)*

**Presenter:** NOFERINI, Francesco (Universita e INFN, Bologna (IT))

**Session Classification:** Afternoon session

Contribution ID: 13

Type: **not specified**

## **Extreme Energy Events: impacts on didactic and science awareness**

*Wednesday, 15 February 2017 14:45 (25 minutes)*

**Presenter:** GNESI, Ivan (Universita e INFN Torino (IT))

**Session Classification:** Afternoon session

Contribution ID: 14

Type: **not specified**

## Visit to Centro Fermi

*Wednesday, 15 February 2017 15:40 (1h 15m)*

**Session Classification:** Afternoon session

Contribution ID: 15

Type: **not specified**

## **Cosmic ray outreach in Stockholm - on the ground and in the air**

*Wednesday, 15 February 2017 17:20 (25 minutes)*

**Presenter:** KRAMER-NYMARK, Tanja (Stockholm House of Science)

**Session Classification:** Afternoon session

Contribution ID: 16

Type: **not specified**

## **The open outreach educational project "Showers of Knowledge"**

*Wednesday, 15 February 2017 17:45 (25 minutes)*

**Presenter:** TOKAREVA, Victoria (JINR)

**Session Classification:** Afternoon session

Contribution ID: 17

Type: **not specified**

## Gamma Ray Hunters

*Thursday, 16 February 2017 09:00 (25 minutes)*

**Presenter:** GRINSCHPUN, Sebastián (Institut de Física d'Altes Energies (IFAE))

**Session Classification:** Morning session



Contribution ID: **18**

Type: **not specified**

## DETECTA

*Thursday, 16 February 2017 09:25 (25 minutes)*

**Presenter:** GRINSCHPUN, Sebastián (Institut de Física d'Altes Energies (IFAE))

**Session Classification:** Morning session

Contribution ID: 19

Type: **not specified**

## **Cosmic-Ray Extremely Distributed Observatory: a tool to explore uncharted realm of science**

*Thursday, 16 February 2017 09:50 (25 minutes)*

**Presenter:** HOMOLA, Petr (Unknown)

**Session Classification:** Morning session

Contribution ID: 20

Type: **not specified**

## **CYFRONET: computing centre to host a global cosmic-ray initiative**

*Thursday, 16 February 2017 10:15 (25 minutes)*

**Presenter:** MAGRYS, Marek (Unknown-Unknown-Unknown)

**Session Classification:** Morning session

Contribution ID: 21

Type: **not specified**

## **Citizen science potential in a global cosmic-ray project: hands-on exercises with CREDO / Dark Universe**

*Thursday, 16 February 2017 11:10 (25 minutes)*

**Presenter:** MATEUSZ, Sulek (AGH Krakow)

**Session Classification:** Morning session

Contribution ID: 22

Type: **not specified**

## Cosmic Ray Studies I

*Thursday, 16 February 2017 11:35 (25 minutes)*

**Presenter:** BARDEEN, Marjorie (Fermilab)

**Session Classification:** Morning session

Contribution ID: 23

Type: **not specified**

## **e-PERON: a multi-experiment platform dedicated to cosmic rays education**

**Presenter:** BAUDOIN, Cyrille (Centre de physique des particules de Marseille (CPPM))

**Session Classification:** Afternoon session

Contribution ID: 24

Type: **not specified**

## Skyview

*Thursday, 16 February 2017 14:10 (25 minutes)*

**Presenter:** RAUTENBERG, Julian (Bergische Universität Wuppertal)

**Session Classification:** Afternoon session

Contribution ID: 25

Type: **not specified**

## **Cosmic@web and International Cosmic Day**

*Thursday, 16 February 2017 14:35 (25 minutes)*

**Presenter:** SCHWERDT, Carolin (DESY)

**Session Classification:** Afternoon session



Contribution ID: 26

Type: **not specified**

## **Discussion: : A common Open data Portal and analysis tools?**

*Thursday, 16 February 2017 15:30 (1 hour)*

**Session Classification:** Afternoon session

Contribution ID: 27

Type: **not specified**

## Outreach in Finland

*Wednesday, 15 February 2017 12:00 (25 minutes)*

**Presenter:** LOO, Kai Krister (University of Jyvaskyla (FI))

**Session Classification:** Morning session

Contribution ID: 28

Type: **not specified**

## Educational Portals

*Wednesday, 15 February 2017 18:10 (25 minutes)*

**Presenter:** SOTIRIOU, Sofoklis

**Session Classification:** Afternoon session

Contribution ID: 29

Type: **not specified**

## Cosmic Ray Studies II

*Thursday, 16 February 2017 12:00 (25 minutes)*

**Presenter:** ADAMS, Mark Raymond (University of Illinois at Chicago (US))

**Session Classification:** Morning session

Contribution ID: **30**

Type: **not specified**

## Quarknet-CYMRU

*Thursday, 16 February 2017 13:30 (25 minutes)*

**Presenter:** FRASER, Lewis

**Session Classification:** Afternoon session

Contribution ID: **31**

Type: **not specified**

## **Cosmodécteur & COSMIX & e-PERON**

*Wednesday, 15 February 2017 16:55 (25 minutes)*

**Presenter:** ARNAUD, Nicolas (LAL (CNRS-IN2P3))

**Session Classification:** Afternoon session

Contribution ID: 32

Type: **not specified**

## **Reflections on Cosmic Ray Project Work in a UK School**

*Thursday, 16 February 2017 13:55 (15 minutes)*

**Presenter:** MOSEDALE, Kevin

**Session Classification:** Afternoon session

Contribution ID: **33**

Type: **not specified**

## HiSPARC UK

*Wednesday, 15 February 2017 10:50 (5 minutes)*

**Presenter:** VAN EIJK, Bob (Nikhef National institute for subatomic physics (NL))

**Session Classification:** Morning session