

# **CERN History Days**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Introduction to CERN

*Thursday 1 February 2018 09:00 (30 minutes)*

**Presenter:** GILLIES, James (CERN)

Contribution ID: 2

Type: **not specified**

## Lunch break

Contribution ID: 3

Type: **not specified**

## Lunch break

Contribution ID: 4

Type: **not specified**

## Introductory Talks

1. Research Center for the Humanities (National and Kapodistrian University of Athens)
2. Max Planck Center for the History of Sciences

**Session Classification:** WELCOME - OPENING SESSION

Contribution ID: 5

Type: **not specified**

## Welcome - Opening Session

Contribution ID: 6

Type: **not specified**

## Underground visit to ALICE / Visit to Synchrocyclotron and SM18

*Thursday 1 February 2018 09:40 (2h 50m)*

1st group:

09:40-09:45: The group walks to building 39 (CERN hotel reception)

09:45-10:00: The bus takes the group to SM18

10:00-11:00: SM18 visit

11:00-11:10 : The bus takes the group to ALICE

11:10-12:10: ALICE visit

12:10-12:30: The bus takes the group back to building 39

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2nd group:

09:40-09:45: The group walks to building 39 (CERN hotel reception)

09:45-10:00: The bus takes the group to ALICE

10:00-11:10: ALICE visit

11:10-11:20: The bus takes the group to SC

11:20-12:05: SC visit

12:05-12:15: The group walks back to the main building.

Contribution ID: 7

Type: **not specified**

## **Welcome by Fabiola Gianotti (CERN Director General)**



Contribution ID: 8

Type: **not specified**

## Introductory Talks

- 1) Research Center for the Humanities (National and Kapodistrian University of Athens)
- 2) Max Planck Center for the History of Sciences

Contribution ID: 9

Type: **not specified**

## **General reflections on the importance of documenting the history of CERN**

**Presenter:** Mr SCHOPPER , Herwig

Contribution ID: **10**

Type: **not specified**

## **Involvement in writing the history of CERN**

**Presenter:** Mr KRIGE, John

Contribution ID: **11**

Type: **not specified**

## **Involvement in writing the history of the Fermilab**

**Presenter:** Ms HODDESON, Lillian

Contribution ID: 12

Type: **not specified**

## Involvement in writing the history of ESA

**Presenter:** Mr RUSSO, Arturo

Contribution ID: 13

Type: **not specified**

## Introduction - Speakers' Presentation

**Presenter:** WARAKAULLE, Charlotte Lindberg (CERN)

Contribution ID: 14

Type: **not specified**

## **The relevance of epistemological issues to the history of high-energy physics**

**Presenter:** Mr FRANKLIN , Allan

Contribution ID: 15

Type: **not specified**

## **Talk about the relevance of epistemological issues to the history of high-energy physics**

**Presenter:** Ms BORELLI , Arianna



Contribution ID: **16**

Type: **not specified**

## Introduction - Speakers' Presentation

*Thursday 1 February 2018 14:00 (15 minutes)*

**Presenter:** WARAKAULLE, Charlotte Lindberg (CERN)

**Session Classification:** Institutional Histories of Laboratories

Contribution ID: 17

Type: **not specified**

## **General reflections on the importance of documenting the history of CERN**

*Thursday 1 February 2018 14:15 (15 minutes)*

**Presenter:** Prof. SCHOPPER, Herwig (former CERN DG, 1981 - 1988)

**Session Classification:** Institutional Histories of Laboratories

Contribution ID: **18**

Type: **not specified**

## Reflections on Writing the History of CERN

*Thursday 1 February 2018 14:30 (15 minutes)*

**Presenter:** Prof. KRIGE , John (School of History, Technology and Society, Georgia Institute of Technology, Atlanta USA)

**Session Classification:** Institutional Histories of Laboratories

Contribution ID: **19**

Type: **not specified**

## **Involvement in writing the history of the Fermilab**

*Thursday 1 February 2018 14:45 (15 minutes)*

**Presenter:** Prof. HODDESON , Lillian (American Physical Society)

**Session Classification:** Institutional Histories of Laboratories

Contribution ID: 20

Type: **not specified**

## **Involvement in writing the history of ESA - A comparative analysis**

*Thursday 1 February 2018 15:00 (15 minutes)*

**Presenter:** Prof. RUSSO , Arturo (University of Palermo, Italy)

**Session Classification:** Institutional Histories of Laboratories

Contribution ID: 21

Type: **not specified**

# **The Epistemology of Experiment: The Higgs Boson and Gravity Waves**

*Thursday 1 February 2018 15:50 (20 minutes)*

**Presenter:** Prof. FRANKLIN, Allan (Department of Physics, University of Colorado, USA)

**Session Classification:** History and Philosophy in Discussion

Contribution ID: 22

Type: **not specified**

## **The interplay of theory and experiment in high-energy physics: a historical-epistemological perspective**

*Thursday 1 February 2018 16:10 (20 minutes)*

**Presenter:** Prof. BORRELLI, Arianna (Technical University - Berlin, Germany)

**Session Classification:** History and Philosophy in Discussion

Contribution ID: 23

Type: **not specified**

## **Welcome speech - CERN Director of International Relations**

*Thursday 1 February 2018 13:30 (15 minutes)*

**Presenter:** WARAKAULLE, Charlotte Lindberg (CERN)

**Session Classification:** Welcome - Opening Session



Contribution ID: 24

Type: **not specified**

## Introductory talks

*Thursday 1 February 2018 13:45 (15 minutes)*

1. Prof. Jurgen Renn - Director of the Max Planck Institute for the History of Sciences 2.Theodore Arabatzis - National and Kapodistrian University of Athens and Representative of the Research Centre for the Humanities, Athens
2. Kostas Gavroglu (Greek Minister of Education and Professor of History of Science in the University of Athens)

**Presenters:** Prof. RENN, Jurgen (Max Planck Institute for the History of Sciences); Prof. GAVROGLU, Kostas (University of Athens); Prof. ARABATZIS , Theodore (History of Science and Technology -National and Kapodistrian University of Athens)

**Session Classification:** Welcome - Opening Session

Contribution ID: 25

Type: **not specified**

## Gender & diversity issues in high-energy physics

*Thursday 1 February 2018 17:20 (20 minutes)*

**Presenter:** Prof. TRAWEEK, Sharon (Department of Gender Studies and History - University of California, LA, USA )

**Session Classification:** History in Motion

Contribution ID: 26

Type: **not specified**

## **The role of history in the popularization of science**

*Thursday 1 February 2018 17:40 (20 minutes)*

**Presenter:** BUTTERWORTH, Jonathan (University College London (UK))

**Session Classification:** History in Motion

Contribution ID: 27

Type: **not specified**

## **Historiography of recent Big Science: Biographical and other approaches**

*Thursday 1 February 2018 18:00 (20 minutes)*

**Presenter:** Prof. KRAGH, Helge (Emeritus Professor-Niels Bohr Institute, University of Copenhagen)

**Session Classification:** History in Motion

Contribution ID: **28**

Type: **not specified**

## First Round

*Friday 2 February 2018 09:30 (1 hour)*

**Conveners:**

1. Archives and Digital Humanities (Jens Vigen)
2. Collaboration and Diversity (Sudeshna Datta-Cockerill)
3. Fundraising (Mateo Castoldi)
4. Written History (Matthew Chalmers)
5. Oral History (James Gillies)
6. History and Philosophy (Emmanuel Tsismelis)

**Presenters:** TSESMELIS, Emmanuel (CERN); GILLIES, James (CERN); CASTOLDI, Matteo (CERN); CHALMERS, Matthew (CERN); DATTA-COCKERILL, Sudeshna (CERN)

**Session Classification:** Round table discussions - Working Groups / Production of a roadmap for the project

Contribution ID: 29

Type: **not specified**

## Second Round (switch)

*Friday 2 February 2018 10:30 (1 hour)*

**Conveners:**

1. Collaboration and Diversity (Sudeshna Datta-Cockerill)
2. Written History (Matthew Chalmers)
3. Oral History (James Gillies)
4. History and Philosophy (Emmanuel Tsismelis)

**Presenters:** TSESMELIS, Emmanuel (CERN); GILLIES, James (CERN); CASTOLDI, Matteo (CERN); CHALMERS, Matthew (CERN); DATTA-COCKERILL, Sudeshna (CERN)

**Session Classification:** Round table discussions - Working Groups / Production of a roadmap for the project

Contribution ID: **30**

Type: **not specified**

## **Statistics and uncertainty in high energy physics**

*Thursday 1 February 2018 16:30 (20 minutes)*

**Presenter:** Prof. STALEY, Kent (St. Louis University - Missouri, USA)

**Session Classification:** History and Philosophy in Discussion

Contribution ID: **31**

Type: **not specified**

## Q & A

*Thursday 1 February 2018 15:15 (15 minutes)*

**Session Classification:** Institutional Histories of Laboratories



Contribution ID: **32**

Type: **not specified**

## Q & A

*Thursday 1 February 2018 16:50 (10 minutes)*

**Session Classification:** History and Philosophy in Discussion

Contribution ID: **33**

Type: **not specified**

## Introduction

*Friday 2 February 2018 09:10 (10 minutes)*

**Presenter:** TOIVONEN, Harri (CERN)

Contribution ID: **34**

Type: **not specified**

## Way to Ideasquare

*Friday 2 February 2018 08:15 (15 minutes)*

The participants will head to the CERN Reception (building 33) where James Gillies and Emmanuel Tsesselis will wait for them to guide them to Ideasquare.

The participants, if they wish, can earlier have breakfast at the Restaurant 1 (right across the CERN hotel reception, building 39), however, a breakfast-buffet will be served from 8.30 in Ideasquare.