

Performance-based Fire Design and Safety Rules at CERN

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Wednesday 13 December 2017 09:00 (10 minutes)

Presenter: BAIRD, Simon (CERN)

Contribution ID: 2

Type: **not specified**

Radiological Implication in case of Fire

Wednesday 13 December 2017 09:10 (20 minutes)

Author: FORKEL-WIRTH, Doris (CERN)

Presenter: FORKEL-WIRTH, Doris (CERN)

Contribution ID: 3

Type: **not specified**

Overview of CERN safety rules (plan and revision)

Wednesday 13 December 2017 09:30 (30 minutes)

Presenter: GOEHRING-CRINON, Angela (CERN)

Contribution ID: 4

Type: **not specified**

Cluster of CERN fire safety rules

Wednesday 13 December 2017 14:30 (30 minutes)

Presenter: CORSANEGO, Fabio (CERN)

Contribution ID: 5

Type: **not specified**

Introduction to fire safety at CERN

Wednesday 13 December 2017 14:00 (30 minutes)

In this presentation an introduction to fire safety at CERN is given. The uniqueness of the Organisation from the geographical, legal and scientific standpoints is described from the fire safety standpoint. This subject is further on developed by providing information on how safety management is organized at CERN, who are the main safety interlocutors, the available fire safety engineering tools and resources. Finally, some information on the FIRIA project, dedicated to the radiological impact of fire will be provided.

Author: LA MENDOLA, Saverio (CERN)

Presenter: LA MENDOLA, Saverio (CERN)

Contribution ID: 6

Type: **not specified**

Organisation of CERN fire and rescue services (interaction with local fire brigade)

Wednesday 13 December 2017 15:30 (30 minutes)

Presenter: LECHEVIN, Yann Michel (CERN)

Contribution ID: 7

Type: **not specified**

Performance-based approach to fire safety at CERN

Wednesday 13 December 2017 16:00 (30 minutes)

Presenter: ARNALICH, Art (CERN)

Contribution ID: 8

Type: **not specified**

CERN Fire Safety Engineering Team tools and skills

Wednesday 13 December 2017 16:30 (30 minutes)

Overview of the tools and the applications under development used by CERN-FSE team to carry out performance base design studies and fire risk assessments of CERN's challenging infrastructures.

Author: RIOS RUBIRAS, Oriol (CERN)

Presenter: RIOS RUBIRAS, Oriol (CERN)

Contribution ID: 9

Type: **not specified**

Italian Fire Prevention Code (IFC): a new approach to fire safety design

Wednesday 13 December 2017 10:00 (45 minutes)

Author: GISSI, Emanuele

Presenter: GISSI, Emanuele

Contribution ID: **10**

Type: **not specified**

IFC Fire Safety measures description & analysis: S1 Reaction to fire, S2 Resistance to Fire and S3 Compartmentation

Wednesday 13 December 2017 11:55 (45 minutes)

Author: PONTICELLI, Luca

Presenter: PONTICELLI, Luca

Contribution ID: 11

Type: **not specified**

IFC Fire Safety measures description & analysis: S6 Fire control and suppression Systems; S7 Fire Detection and Alarm Systems; S8 Smoke Management

Wednesday 13 December 2017 11:10 (45 minutes)

Author: CANCELLIERE, Piergiacomo

Presenter: CANCELLIERE, Piergiacomo

Contribution ID: 12

Type: **not specified**

Visit at ATLAS

Contribution ID: **13**

Type: **not specified**

Visit at EHN1

Contribution ID: **14**

Type: **not specified**

Visit at AD hall

Contribution ID: 15

Type: **not specified**

Round table

Contribution ID: **16**

Type: **not specified**

Wrap up

Wednesday 13 December 2017 17:00 (30 minutes)

Author: LA MENDOLA, Saverio (CERN)

Presenter: LA MENDOLA, Saverio (CERN)