



Safety at CERN

La sécurité au CERN



Christoph BALLE
Safety Training



HSE

Occupational Health & Safety
and Environmental Protection Unit

Safety at CERN

La sécurité au CERN

① Occupational Health & Safety

Santé et sécurité au travail

② Environmental Protection

Protection de l'environnement

③ Safe Equipment and Operation

Sécurité des équipements et de l'exploitation

□ Read CERN Safety Policy



THE CERN SAFETY POLICY

CERN, an intergovernmental organization for fundamental research in particle physics, defines and implements a Safety Policy. Safety covers occupational health and safety, including radiation protection, the protection of the environment and the safe operation of CERN's Installations, including radiation safety.

CERN strives for excellence in matters of Safety.

INTRODUCTION BY THE DIRECTOR-GENERAL

CERN strives for excellence. We strive for excellence in science, excellence in innovation, and excellence in everything we do. Safety is very much at the heart of that. The objective of CERN's Safety Policy is that the Organization's scientific and technical excellence be matched by excellence in matters of Safety. To this end CERN promotes environmentally aware research, best practices in matters of Safety and strives for the optimal protection of the health and safety of all those involved in its activities.

CERN's performance in matters of Safety is dependent on every one of us. I invite you to familiarize yourself with the CERN Safety Policy and our Safety Rules, and I am confident that you will actively contribute to CERN's excellence in matters of Safety through exemplary conduct and the use of best Safety practices when carrying out your activities at CERN.

Fabiola Gianotti
Director-General
8 July 2016



Director General



HSE
Occupational Health & Safety
and Environmental Protection Unit

Accelerators & Technology

Finance & Human Resources

International Relations

Research & Computing

BE

EN

TE

FAP

IPT

HR

SMB

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ECO

EP

TH

IT

Accelerator
Beam Transfer

Cryogenics

Electrical Power
Converter

Machine Protection
Electrical Integrity

Magnets, Super-
conductors, Cryostats

Vacuum, Surfaces
and Coatings

Beam Transfer
Physics

Electronics
& Controls

Fast Pulsed
Systems

Septa

Sectors

Dep.

Groups

Sections



HSE
Occupational Health & Safety
and Environmental Protection Unit



Safety Engineering
Safety
Safety
M...



Occupational Health & Safety

Santé au travail & Sécurité



Research
Operational Radiation
Personal Dosimetry
Radioactive Waste
Radiation Monitoring



Radiation Protection

Radioprotection



Ambulance
Prevention
Intervention
Drill

 **74444**
+41 22 767 4444



Fire & Rescue Service

Service Secours & Feu



Air, Water, Soil
Waste, Energy
Management
Monitoring & Reporting
Awareness



Environmental Protection

Protection environnementale

Director General



- Occupational Health & Safety
- Radiation Protection
- Fire & Rescue
- Environmental Protection

Accelerators & Technology

Finance & Human Resources

International Relations

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IT

Accelerator Beam Transfer

Cryogenics

Electrical Power Converter

Machine Protection Electrical Integrity

Magnets, Superconductors, Cryostats

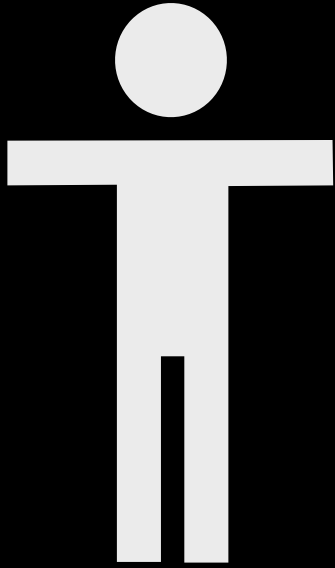
Vacuum, Surfaces and Coatings

Beam Transfer Physics

Electronics & Controls

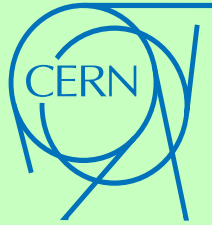
Fast Pulsed Systems

Septa



First Aider

Secouriste



FIRST AIDER SECOURISTE

- Read CERN Safety Policy
- Record emergency number
- Meet First Aider

NAME : Jean-Pierre DUCHEMIN

VALIDITY: 12 November 2019

Director General



- Occupational Health & Safety
- Radiation Protection
- Fire & Rescue
- Environmental Protection

Accelerators & Technology

Finance & Human Resources

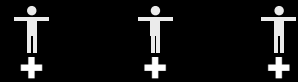
International Relations

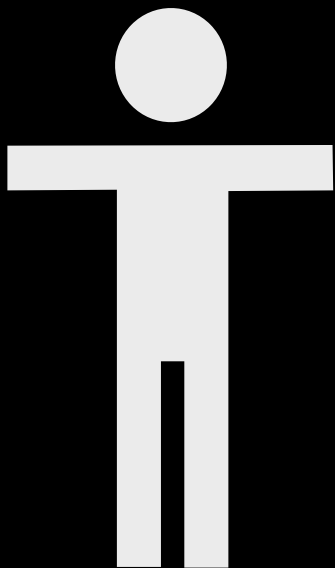
Research & Computing

- BE
- EN
- TE
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- IT

- Accelerator Beam Transfer
- Cryogenics
- Electrical Power Converter
- Machine Protection Electrical Integrity
- Magnets, Superconductors, Cryostats
- Vacuum, Surfaces and Coatings

- Beam Transfer Physics
- Electronics & Controls
- Fast Pulsed Systems
- Septa





**Territorial
Safety Officer**

*Délégué à la Sécurité
Territoriale*

BUILDING N°: 192

Territorial Safety Officer

T. Jones Dep.: **TE**

Tel / GSM: **74711**

- Read CERN Safety Policy
- Record emergency number
- Meet First Aider + TSO

Director General



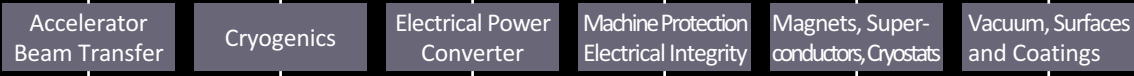
- Occupational Health & Safety
- Radiation Protection
- Fire & Rescue
- Environmental Protection

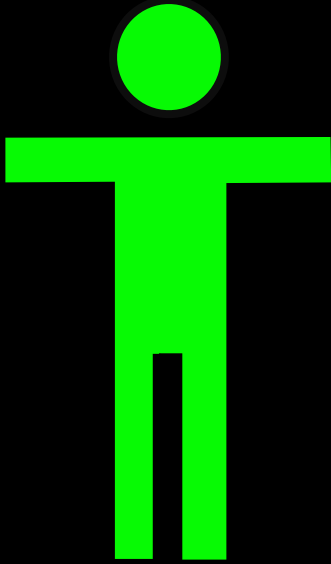
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you

sir.cern.ch/sir/?p

SIR - Safety Information Register

Main Menu

WELCOME TO SIR

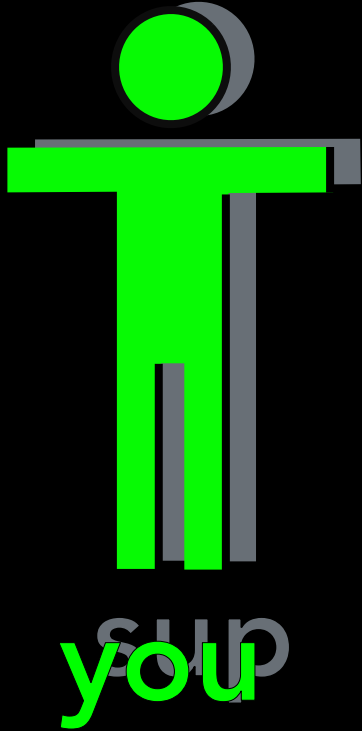
Please note that successfully passing a course does not give you any access rights in addition. You can control your access validity on [ADaMS](#).

Please pass your mouse over a course title to see a quick description of it. You can also find out which course is available for a pre-defined profile in the "Filter" list.

If you encounter problems when trying to follow an online course while using Google Chrome, go on [Chrome://plugins/](chrome://plugins/) and disable the Adobe Flash Player plugin.

Available courses and their current status	Course description	Your safety contacts	Your access authorizations
<input type="text" value="Basic courses"/>			
<input type="checkbox"/> <input type="button" value="Go"/> Computer Security <input checked="" type="checkbox"/>	Move the mouse cursor over course name on the left to find a quick description, target audience and goals of the course.	DSO (Dept HSE) Gunnar LINDELL	Click on the image above to check all your access rights on the ADaMS system.
<input type="checkbox"/> <input type="button" value="Go"/> Safety at CERN <input checked="" type="checkbox"/>		TSO (Bdg 24) Andre DZIEWA	
<input type="checkbox"/> <input type="button" value="Go"/> Electrical Safety - Awareness (New) <input checked="" type="checkbox"/>		First Aiders (Bdg 24) Gael DUCOS	
<input type="checkbox"/> <input type="button" value="Go"/> Radiation Protection - Awareness <input checked="" type="checkbox"/>		Ana Sofia ALMEIDA PAIVA	
		Diana Isabelle DALBAN	News
		RSO (Dept HSE) Robert FROESCHL	Help!? If you need help contact safety-training@cern.ch Adobe Flash Player Plugin If you encounter problems when trying to follow an

Read CERN Safety Policy
 Record emergency number
 Meet First Aider + TSO
 Do basic safety courses > SIR



Occupational Safety and Health (OSH) Declaration

https://edh.cern.ch/apps/OHS/

CERN Accelerating science

EDH IDENTIFICATION

New Declaration Save Print Help

User Details Risks Declaration

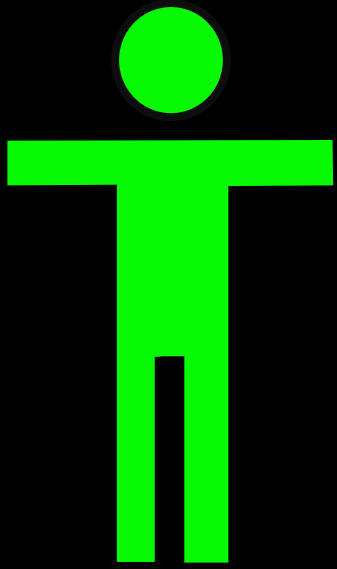
Hide all details Show all details Only declared risk(s) Show the details when selected

- 100 - Mechanical hazards
- 200 - Electrical hazards
- 300 - Chemical hazards
- 400 - Fire/explosion hazards
- 500 - Hazards associated with ionising radiation
- 600 - Hazards associated with non-ionising radiation
- 700 - Cryogenic hazards
- 800 - Biological hazards
- 900 - Road and traffic hazards
 - 901 - Driving of motor vehicles
 - 902 - Use of bicycles

Others (please specify)

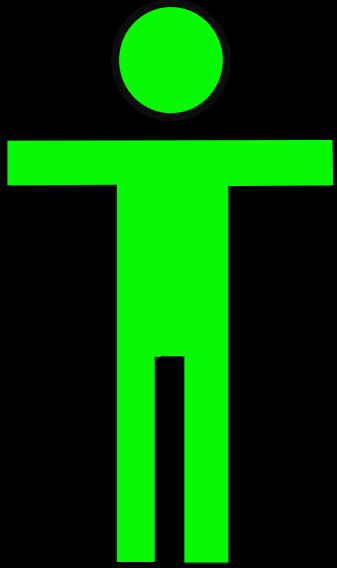
Electronic Document Handling System (EDH) v. 14.09.A prodEDH_A_5 In case of problems or for any question, please [click here](#)

- Read CERN Safety Policy
- Record emergency number
- Meet First Aider + TSO
- Do basic safety courses > SIR
- Make Risk Declaration > EDH



you



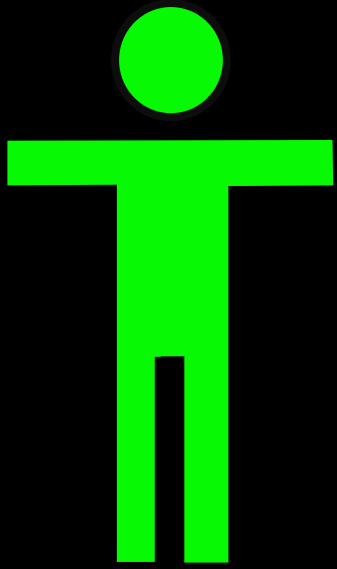


you



Personal Protective Equipment

Equipement de Protection Individuelle



you





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