



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

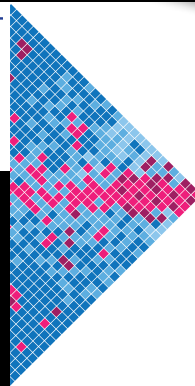
② Environmental Protection

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

A handwritten signature in black ink that reads "Fabiola Gianotti".



Safety Responsibilities

Responsabilités en matière de Sécurité

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

...

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

Read CERN Safety Policy
 Record emergency number



Environment Monitoring
 Safety Engineering
 Occupational Safety
 Safety Inspections
 Safety Training



Ingénierie de Secours
 & Environnement



Research & Design Studies
 Operational Radiation Protection
 Personal Dosimetry
 Radioactive Waste
 Radiation Monitoring



Radiation Protection
Radioprotection



Ambulance
 Prevention
 Intervention
 Drill


74444
 +41 22 767 4444



Fire & Rescue Service
Service Secours & Feu



Health Monitoring
 First Aid
 Medical Check-ups
 Health Campaigns



Medical Service
Service Médical

Director General



- Safety Engineering & Environment
- Radiation Protection
- Fire & Rescue
- Medical Service

Accelerators & Technology

Finance & Human Resources

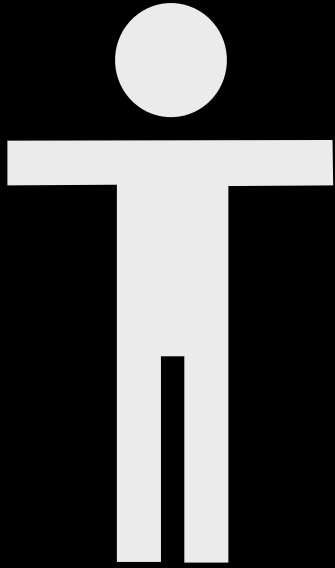
International Relations

Research & Computing

- BE
- EN
- TE
- FAP
- IPT
- HR
- SMB
- ...
- ECO
- EP
- TH
- IT

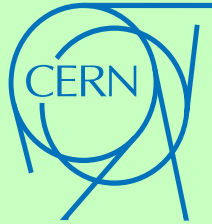
- Accelerator Beam Transfer
- Cryogenics
- Electrical Power Converter
- Machine Protection Electrical Integrity
- Magnets, Superconductors, Cryostats
- Vacuum, Surfaces and Coatings

- 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

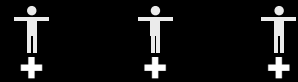
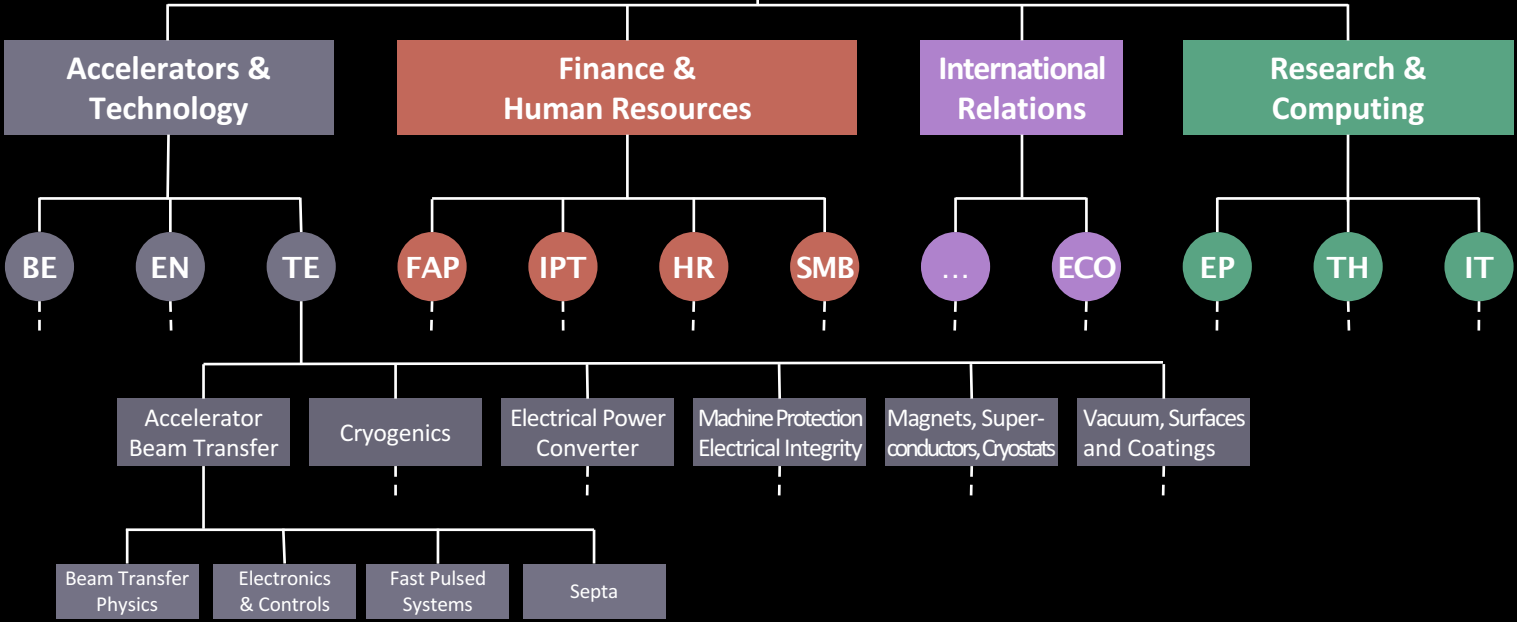
NAME : Jean-Pierre DUCHEMIN

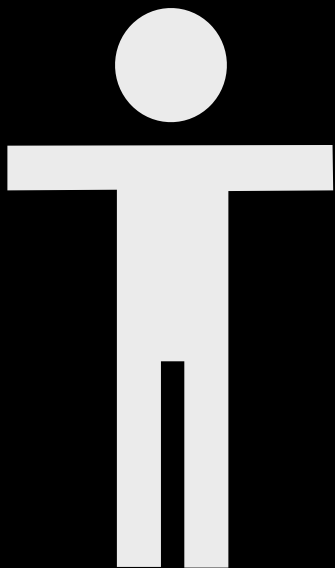
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Director General



- Safety Engineering & Environment
- Radiation Protection
- Fire & Rescue
- Medical Service





**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



HSE
Occupational Health & Safety
and Environment Protection Unit

Safety Engineering
& Environment

Radiation
Protection

Fire &
Rescue



Medical
Service

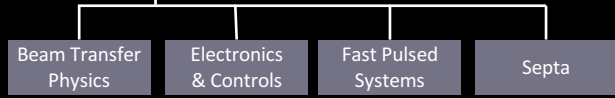


Accelerators &
Technology

Finance &
Human Resources

International
Relations

Research &
Computing



Director General



HSE
Occupational Health & Safety
and Environment Protection Unit

Safety Engineering
& Environment

Radiation
Protection

Fire &
Rescue



Medical
Service

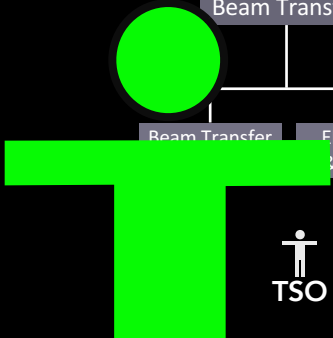
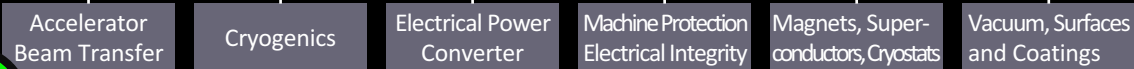


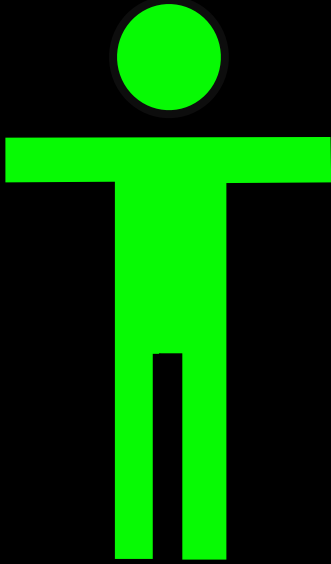
Accelerators &
Technology

Finance &
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International
Relations

Research &
Computing





you

sir.cern.ch/sir/?p

SIR - Safety Information Register

Main Menu

WELCOME TO SIR

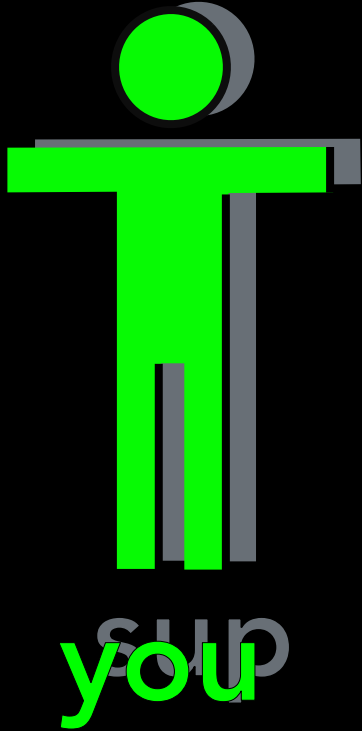
Please note that successfully passing a course does not give you any access rights in addition. You can control your access validity on [ADaMS](#).

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"/> 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"/> Go Safety at CERN <input checked="" type="checkbox"/>		TSO (Bdg 24) Andre DZIEWA	
<input type="checkbox"/> Go Electrical Safety - Awareness (New) <input checked="" type="checkbox"/>		First Aiders (Bdg 24) Gael DUCOS	
<input type="checkbox"/> Go Radiation Protection - Awareness <input checked="" type="checkbox"/>		Ana Sofia ALMEIDA PAIVA Diana Isabelle DALBAN	
		RSO (Dept HSE) Robert FROESCHL	News 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

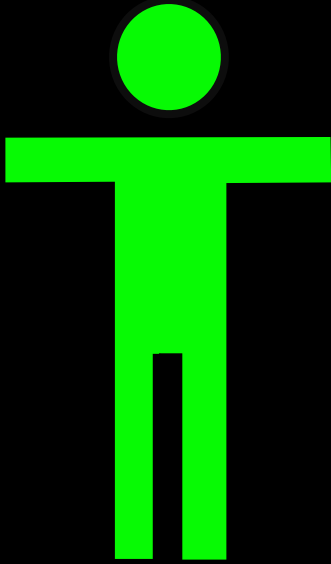
User Details Risks Declaration

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)

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- Do basic safety courses > SIR
- Make Risk Declaration > EDH



you

CERN		CODE DE SÉCURITÉ SAFETY CODE		A2 Rev. 3	
Mandatory as defined in SAPOCO/42		Edited by: Director-General		Date of issue: May 2005 Original: English	
Reporting of Accidents and Near Misses					
Contents					
1	Legal Basis				1
2	Scope of Application				1
3	Definitions				1
4	Objectives				1
5	Procedure				2
6	Information Process				2
7	Entry into Force				2
	Appendix 1				3
	Internal Accident Report				

RES

Abstract
in accordance with
Guidelines
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Works
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Referenc
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Further
- Reg
- EN 1
- EN 1
- Safe

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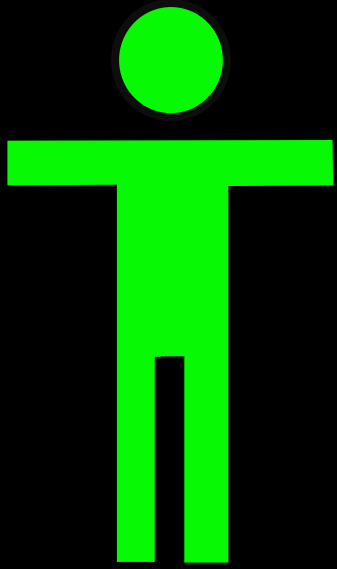
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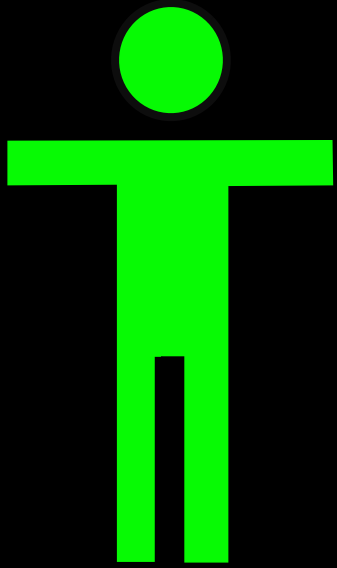
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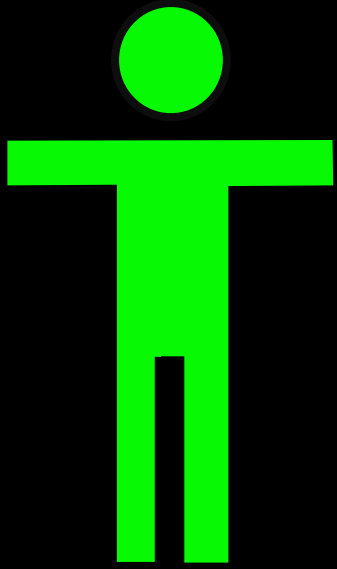


you



Personal Protective Equipment

Equipement de Protection Individuelle



you





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- Make Risk Declaration > EDH



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