

International Technical Safety Forum - ITSF 2022



Report of Contributions

Contribution ID: 4

Type: **not specified**

Visits on the premises

Tuesday 25 October 2022 14:15 (2h 35m)

Contribution ID: 6

Type: **not specified**

CERN CO2 equivalent emission accounting: what, why and how

Tuesday 25 October 2022 09:00 (20 minutes)

Presenter: ALESSI, Michela (CERN)

Session Classification: Environmental protection and sustainability

Contribution ID: 7

Type: **not specified**

Managing environmental requirements at ESS

Tuesday 25 October 2022 09:20 (20 minutes)

Presenter: LINDSTRÖM, Erica (European spallation source, ESS ERIC)

Session Classification: Environmental protection and sustainability

Contribution ID: 8

Type: **not specified**

CERN's effluent water monitoring programme

Tuesday 25 October 2022 09:40 (20 minutes)

Presenter: DZIEWA, Andre (CERN)

Session Classification: Environmental protection and sustainability

Contribution ID: 9

Type: **not specified**

CERN Environment Report. A journey. A learning experience

Tuesday 25 October 2022 10:00 (20 minutes)

Presenter: Mrs JAKOBSSON, Ebba (CERN)

Session Classification: Environmental protection and sustainability

Contribution ID: **10**

Type: **not specified**

Managing CERN's environmental noise footprint

Tuesday 25 October 2022 10:20 (20 minutes)

Presenter: MINIER, Jordan (CERN)

Session Classification: Environmental protection and sustainability

Contribution ID: **11**

Type: **not specified**

How CERN integrates environmental protection on worksites

Tuesday 25 October 2022 11:10 (20 minutes)

Presenter: SCHADEGG, Sabrina (CERN)

Session Classification: Environmental protection and sustainability

Contribution ID: 12

Type: **not specified**

CERN & the environment: raising awareness among the CERN Community

Tuesday 25 October 2022 11:30 (20 minutes)

Presenter: ULRICI, Luisa (CERN)

Session Classification: Environmental protection and sustainability

Contribution ID: 13

Type: **not specified**

Cancelled (Safety, health & environmental collaboration framework)

Tuesday 25 October 2022 12:30 (20 minutes)

Session Classification: Safety for Complex Shared Research centers

Contribution ID: 14

Type: **not specified**

Establishing a Safety concept for user experiments

Tuesday 25 October 2022 11:50 (20 minutes)

Presenter: LESSMANN-BASSEN, Sabine

Session Classification: Safety for Complex Shared Research centers

Contribution ID: 15

Type: **not specified**

Safety inspection software tools at CERN-SAILOR

Tuesday 25 October 2022 12:10 (20 minutes)

Presenter: MARQUES, Pedro (CERN)

Session Classification: Safety for Complex Shared Research centers

Contribution ID: 16

Type: **not specified**

How learning from near misses help proactive safety intervention

Wednesday 26 October 2022 08:40 (20 minutes)

Presenters: LINDBERG, Anna (MAX IV); ARMUGAM, Rema (MAX IV)

Session Classification: Continuous Improvement in HSE matters

Contribution ID: 17

Type: **not specified**

Access Controls at DESY –what has changed in the recent years?

Wednesday 26 October 2022 09:00 (20 minutes)

Presenter: BRINKER, Sabine

Session Classification: Continuous Improvement in HSE matters

Contribution ID: **18**

Type: **not specified**

CERN chemical register for the environment, health and safety

Wednesday 26 October 2022 09:20 (20 minutes)

Presenter: BOYCHENKO, Andriy (CERN)

Session Classification: Continuous Improvement in HSE matters

Contribution ID: **19**

Type: **not specified**

(Increased) importance on ventilation of workplaces - the use of innovative solutions

Wednesday 26 October 2022 09:40 (20 minutes)

Presenter: HENRIQUES, Andre (CERN)

Session Classification: Continuous Improvement in HSE matters

Contribution ID: 20

Type: **not specified**

New EN standard for 'helium cryostats - protection against excessive pressure'

Presenter: HENRIQUES, Andre (CERN)

Session Classification: Continuous Improvement in HSE matters

Contribution ID: 21

Type: **not specified**

New CERN rule on fire reaction and resistance of cables

Wednesday 26 October 2022 10:00 (20 minutes)

Presenter: RIOS, Oriol (CERN)

Session Classification: Continuous Improvement in HSE matters

Contribution ID: 22

Type: **not specified**

A new cluster of fire safety rules for CERN

Wednesday 26 October 2022 10:50 (20 minutes)

Presenter: LA MENDOLA, Saverio (CERN)

Session Classification: Continuous Improvement in HSE matters

Contribution ID: 23

Type: **not specified**

Road to implementation of risk-based inspection of pressure equipment at CERN

Wednesday 26 October 2022 11:10 (20 minutes)

Presenter: LOUGHLIN, James Matthew (CERN)

Session Classification: Continuous Improvement in HSE matters

Contribution ID: 24

Type: **not specified**

Fire-induced radiological integrated assessment (FIRIA) of CMS detector

Wednesday 26 October 2022 11:30 (20 minutes)

Presenter: PEROVIC, Darko (CERN)

Session Classification: Continuous Improvement in HSE matters

Contribution ID: 25

Type: **not specified**

Structural limit states of concrete tunnel linings in fire situation

Wednesday 26 October 2022 11:50 (20 minutes)

Presenter: DE SILVA, Donatella

Session Classification: Continuous Improvement in HSE matters

Contribution ID: 26

Type: **not specified**

Cancelled (Non-occupational hazards and their operational risks)

Session Classification: Continuous Improvement in HSE matters

Contribution ID: 27

Type: **not specified**

Key Note Speech

Wednesday 26 October 2022 14:20 (40 minutes)

Presenter: Prof. TORERO, Jose

Contribution ID: 28

Type: **not specified**

Recent fire protection status at RIKEN RIBF cyclotron facility

Wednesday 26 October 2022 15:00 (20 minutes)

Presenter: KANENOBU, Tanaka

Session Classification: Fire Safety

Contribution ID: 29

Type: **not specified**

ITAS2022 Target hydrogen permit

Wednesday 26 October 2022 15:20 (20 minutes)

Presenter: JÖRUD, Fredrik (ESS)

Session Classification: Fire Safety

Contribution ID: 30

Type: **not specified**

Smoke-tightness as a criterion for fire rated doors in radioactive areas - A case study

Wednesday 26 October 2022 16:10 (20 minutes)

Presenter: DEBROUWERE, Brecht (CERN)

Session Classification: Fire Safety

Contribution ID: **31**

Type: **not specified**

Fire risk assessment of two injection tunnels at CERN

Presenter: GORSKA PUTYNSKA, Carmen (CERN)

Session Classification: Fire Safety

Contribution ID: 32

Type: **not specified**

Development of Chemical Reagent Management System Using RFID Tags

Thursday 27 October 2022 08:40 (20 minutes)

Presenter: TAKESHI ET AL, Hideaki

Session Classification: Technical risks

Contribution ID: 33

Type: **not specified**

Beam Transport for 1PW laser

Thursday 27 October 2022 09:00 (20 minutes)

Presenter: OLŠOVCOVÁ, Veronika

Session Classification: Technical risks

Contribution ID: 34

Type: **not specified**

Electrical Safety of Users Equipment

Thursday 27 October 2022 09:20 (20 minutes)

Presenter: HERRMANN, Mathias (DESY)

Session Classification: Technical risks

Contribution ID: 35

Type: **not specified**

New EN standard -TBC

Session Classification: Equipment certification

Contribution ID: 36

Type: **not specified**

Introduction and first results of the ProMAP project

Thursday 27 October 2022 10:00 (20 minutes)

Presenter: THUTE, Prasad

Session Classification: Equipment certification

Contribution ID: 37

Type: **not specified**

The ESS equipment compliance strategy

Thursday 27 October 2022 10:20 (20 minutes)

Presenter: DARVE, Christine (European Spallation Source)

Session Classification: Equipment certification

Contribution ID: **38**

Type: **not specified**

Recent troubles and near-miss incidents at J-PARC

Thursday 27 October 2022 11:10 (20 minutes)

Presenter: BESSHO, Kotaro

Session Classification: Incidents and lessons learned

Contribution ID: 39

Type: **not specified**

Cancelled (A 30W Laser Event and Lessons Learned at Jefferson Lab.)

Thursday 27 October 2022 12:30 (20 minutes)

Session Classification: Incidents and lessons learned

Contribution ID: 40

Type: **not specified**

Cancelled (A -27kV DC Electrical Event and Lessons Learned at Jefferson Lab.)

Thursday 27 October 2022 12:10 (20 minutes)

Session Classification: Incidents and lessons learned

Contribution ID: 41

Type: **not specified**

Lead Safety incident at laser facility

Thursday 27 October 2022 11:30 (20 minutes)

Presenter: DVORAKOVA RUSKAYOVA, Petra

Session Classification: Incidents and lessons learned

Contribution ID: 42

Type: **not specified**

Lessons learned at one PETRA III Beamline. Gases Regulation at DESY Photon Science

Thursday 27 October 2022 11:50 (20 minutes)

Presenter: CIOBANU, Anca Simona (DESY)

Session Classification: Incidents and lessons learned

Contribution ID: 43

Type: **not specified**

IPT (Intranet Prevention Tool) - Standardization of OHS risk assessments

Thursday 27 October 2022 14:20 (20 minutes)

Presenter: PROLLIUS, Michael

Session Classification: Risk Assessment

Contribution ID: 44

Type: **not specified**

Modelling and safety assessment of concrete tunnel linings subject to fire

Wednesday 26 October 2022 12:10 (20 minutes)

Presenter: CARDELLINO, Enrico (Universita degli Studi di Napoli Federico II (IT))

Session Classification: Continuous Improvement in HSE matters

Contribution ID: 45

Type: **not specified**

Seismic Safety assessment of concrete block configurations for radiation shielding

Thursday 27 October 2022 14:40 (20 minutes)

Authors: SIRONI, Luca (CERN); ANDREINI, Marco (CERN)

Presenters: SIRONI, Luca (CERN); ANDREINI, Marco (CERN)

Session Classification: Risk Assessment

Contribution ID: 46

Type: **not specified**

How to quantify risk mitigating systems value from a financial perspective

Thursday 27 October 2022 15:00 (20 minutes)

Presenter: NILSSON, Bjorn

Session Classification: Risk Assessment

Contribution ID: 47

Type: **not specified**

Is the use of robots and drones effective in mitigating accidents in accelerator tunnels?

Thursday 27 October 2022 16:10 (20 minutes)

Presenter: ISHII, Koji

Session Classification: Risk Assessment

Contribution ID: 48

Type: **not specified**

Example of a technical implementation of risk assessment requirements

Thursday 27 October 2022 16:30 (20 minutes)

Presenter: RATHJEN, Andreas

Session Classification: Risk Assessment

Contribution ID: 49

Type: **not specified**

Behavior-Based Safety (BBS) in Mechanical Safety: A Method of Quantitatively Evaluate Safe/unsafe Behavior of Workers

Friday 28 October 2022 08:40 (20 minutes)

Presenter: HOJO, Rieko

Session Classification: Safety culture and behaviour

Contribution ID: 50

Type: **not specified**

'KY Training' : Training for Risk Anticipation in a Pre-Work Briefing at J-PARC

Friday 28 October 2022 09:00 (20 minutes)

Presenter: KASUGAI, Yoshimi

Session Classification: Safety training

Contribution ID: 51

Type: **not specified**

Planning of a joint emergency preparedness exercise at ESS

Friday 28 October 2022 09:20 (20 minutes)

Presenter: GEBER BERGSTRAND, Therese

Session Classification: Safety training

Contribution ID: 52

Type: **not specified**

Emergency preparedness in collaboration with Host States' emergency services

Friday 28 October 2022 09:40 (20 minutes)

Presenters: NAS, Marc (CERN); PERRUZZA, Roberto (CERN)

Session Classification: Safety training

Contribution ID: 53

Type: **not specified**

Implementation of pluri-annual contracts with learning service providers

Friday 28 October 2022 10:00 (20 minutes)

Presenter: BIRINGER, Julie (CERN)

Session Classification: Safety training

Contribution ID: 54

Type: **not specified**

Upgrading a BSL 3 Laboratory to fit BSL 3 requirements**

Friday 28 October 2022 10:50 (20 minutes)

Presenter: SARETZKI, Fabian

Session Classification: New Projects and challenges

Contribution ID: 55

Type: **not specified**

PETRA IV Project at DESY Hamburg

Friday 28 October 2022 11:10 (20 minutes)

Presenter: STIEREN, Leonie

Session Classification: New Projects and challenges

Contribution ID: 56

Type: **not specified**

CERN's East Experimental Area: a new modern physics facility

Friday 28 October 2022 11:30 (20 minutes)

Presenter: EVRARD, Sebastien (CERN)

Session Classification: New Projects and challenges

Contribution ID: 57

Type: **not specified**

Closing Ceremony

Friday 28 October 2022 12:30 (20 minutes)

Contribution ID: 58

Type: **not specified**

DESIR project, GANIL France : safety and radioprotection concerns

Friday 28 October 2022 11:50 (20 minutes)

Presenter: ROYET, Pascal

Session Classification: New Projects and challenges

Contribution ID: 59

Type: **not specified**

Commissioning of a new facility dedicated to the storage of nuclear wastes

Friday 28 October 2022 12:10 (20 minutes)

Presenter: ROYET, Pascal

Session Classification: New Projects and challenges

Contribution ID: **60**

Type: **not specified**

New EN standard for 'helium cryostats - protection against excessive pressure

Thursday 27 October 2022 09:40 (20 minutes)

Presenter: GROHMANN, Steffen

Session Classification: Technical risks

Contribution ID: **61**

Type: **not specified**

test

Presenter: PICARD, Johanna

Contribution ID: 62

Type: **not specified**

CERN Environmentally Responsible Procurement Project

Thursday 27 October 2022 15:20 (20 minutes)

Presenter: CENNINI, Enrico (CERN)

Session Classification: Risk Assessment