



International Technical Safety Forum
September 18-22, 2017 TRIUMF

PROGRAMME

Sunday September 17

Evening International Organizing Committee Meeting

Monday September 18, 2017

9:00 – 11:00 Registration
12:00 – 13:00 Lunch (on your own)
13:00 – 13:05 Site Instructions
13:05 – 13:15 Welcome - TRIUMF Director

Session 1 Workshop on Effective Corrective Action
The Eight Factors of Effective Change – How to Prevent Falling Fixes
Kevin McManus

13:15 – 14:00 Workshop – Part 1
Eight Factors Overview
14:00 – 14:30 Workshop – Part 2
Small Group Breakout Session
14:30 – 15:00 Coffee Break
15:00 – 15:45 Workshop – Part 3
Building Theories and Action Planning

Session 2 Incident Management / Investigation
Chair: P. Jacobsson

16:00 – 16:25 Placeholder – Electrical Incident at DESY Mr. Hoppe, Andreas
16:30 – 16:55 Accident and Incident Management at CERN: Present and Future
Mrs. Goehring-Crinon, Angela
17:00 – 17:25 Near-miss Electrical Incident and Improvements to Lockout at
TRIUMF
Mr. Sanghera, Terry

Tuesday September 19, 2017

Session 3 Lessons Learned Chair: J. Mildenberger

- 9:00 – 9:25 Improvement of Emergency Evacuation from Underground at RIBF Accelerator Facility
Dr. Tanaka, Kanenobu
- 9:30 – 9:55 Lessons Learned in Chemistry Laboratories or How to Get Users to Avoid and Report Spillages?
Mrs. Lessmann, Sabine
- 10:00 – 10:25 Issues with Extinguishing Water Piping Systems at XFEL
Mr. Saretzki, Fabian
- 10:30 – 11:00 Coffee Break
- 11:00 – 11:25 Safety and Environmental Diagnosis Approach in Beam Facilities
Mr. Cherault, Simon

Session 4 Technical Risks and Assessment – (Fire, Biological, Explosion, Analysis) Chair: J. Anderson

- 11:30 – 11:55 Fire Response Probabilistic Analysis Method – A Statistical Method to Predict Fire Response Time Distributions
Rios Rubiras, Oriol (La Mendola, Saverio presenter)
- 12:00 – 13:30 Lunch

Session 4 Technical Risks and Assessment – (Fire, Biological, Explosion, Analysis) Chair: J. Anderson

- 13:30 – 13:55 Safety Challenges of Biological Applications at High Power Laser Accelerators
Mr. Prochazka, Petr
- 14:00 – 14:25 Methodological Approach to Safety Analysis at CERN
Dr. Viggiano, Francesca
- 14:30 – 14:55 Explosion of Capacitor, Explosion Risk Assessment and Definition of Compensatory Measures
Andreini, Marco (La Mendola, Saverio presenter)
- 15:00 – 15:30 Coffee Break
- 15:30 – 17:00 TRIUMF Tour

Wednesday September 20, 2017

Session 5 Challenges Associated with In-Kind Contributions Chair: E. Cennini

- 9:00 – 9:20 Safety Considerations Associated with International Collaboration
Michels, Martha (Mr. Anderson Jr., John presenter)
- 9:25 – 9:45 In-Kind Contributions (IKCs) to the European XFEL Facility –
Management and Controls of IKCs
Dr. Kozielski, Sigrid
- 9:50 – 10:10 Conformity Approach for Pressure Equipment for the High
Luminosity LHC Project
Mr. Marsh, Simon
- 10:15 – 10:30 Panel Discussion on In-Kind Contributions
Moderator: E. Cennini
- 10:30 – 11:00 Coffee Break

Session 6 New Projects Chair: B. Manziak

- 11:00 – 11:25 Two Institutes – One Access Control System *Dr. Brinker, Sabine*
- 11:30 – 11:55 ESS – EH&S at a Greenfield Site
Ralf Trant
- 12:00 – 13:30 Lunch

Session 6 New Projects Chair: B. Manziak

- 13:30 – 13:55 From LHC to HL-LHC – Overview of the Major Environmental
Issues During Civil-Engineering and Operation
Mrs. Kleiner, Sonja
- 14:00 – 14:25 Regulatory Framework for Construction and Operation of the
European XFEL Facility
Mr. Mohr, Sven
- 14:30 – 14:55 ESS – Emergency Preparedness and Rescue Service
Mr. Jacobsson, Peter
- 15:00 – 15:30 Coffee Break
- 15:30 – 15:55 New Projects and Challenges in the DESY Campus
Ms. Ciobanu, Anca-Simona
- 16:00 – 18:00 Travel to Granville Island & Sightseeing
- 19:00 – 21:30 Dinner at Bridges Restaurant

Thursday September 21, 2017

Session 7 Continuous Improvement in EHS Chair: A. Hoppe

- 9:00 – 9:25 Cryogenic Safety Procedures at TRIUMF – Present State and the Future
Dr. Kovesnikov, Alexey
- 9:30 – 9:55 Health and Safety Tools at ALBA Synchrotron Facility
Mr. Aguilar, Jose
- 10:00 – 10:25 Procedures to Complement Safety Instrumented Systems and Mitigate Human Factors Around CERN Beam Facilities
Tavlet, Marc
- 10:30 – 11:00 Coffee Break
- 11:00 – 11:25 Increased Rigour and Discipline in TRIUMF's Controlled Work Process
Dr. Trudel, Anne
- 11:30 – 11:55 Accelerator Safety Resource Succession Planning at FermiLab
Mr. Anderson Jr., John
- 12:00 – 13:30 Lunch

Session 8 Safety Training & Continual Improvement Chair: K. Ardron

- 13:30 – 13:55 Training, TapRoot and Continual Improvement
Mr. Jones, Phil
- 14:00 – 14:25 Safety Training at CERN – From Registry Office to Learning Service
Mr. Balle, Christoph

Session 9 Technical Risks & Assessment - Cryogenics Chair: J. Kenny

- 14:30 – 14:55 Oxygen Deficiency Hazard Cryogenic Assessment
Dr. Viggiano, Francesca
- 15:00 – 15:30 Coffee Break
- 15:30 – 15:55 Safety Guidelines on Liquid Hydrogen Target Systems for Particle and Nuclear Physics Experiments at J-PARC
Dr. Bessho, Kotaro
- 16:00 – 16:25 Pre-defined Safety Measures for Helium Leakages – Theory Meets Reality
Mr. Mohr, Sven
- 16:30 – 16:55 Safety Measures for Massive Helium Leakage
Mr. Saretzki, Fabian

Friday September 22, 2017

Session 10 Miscellaneous (Experiment / New Project Safety)
Chair: A. Trudel

9:00 – 9:25	Update – Safely Bringing Experiments Using a Tritium Target to Jefferson Lab <i>M. Manzlak, Bert</i>
9:30 – 9:55	Safety at the Super-CDMS-SNOLAB <i>Mr. Kenny, Joseph</i>
10:00 – 10:25	Laser Safety at TRIUMF <i>Dr. Pearson, Matt</i>
10:30 – 11:00	Coffee Break
11:00 – 11:25	The ARIA Project: Refurbishing a Mine for Research Activities. Safety Considerations <i>Dr. Tartaglia, Roberto</i>
11:30 – 12:15	ITSF 2017 Wrap Up & Plans for ITSF 2019
12:15 – 13:15	Lunch

General Information:

Session	Oral and poster sessions will be held in
Registration	The registration will start on Monday September 18
Social Event	The conference dinner will take place on Wednesday September 20 at Bridges Restaurant on Granville Island
Supermarkets	
Cash machine / ATM	You will find a cash machine
WLAN	
Emergency number	In case of emergency, please call 9-1-1
Conference phone	