

ITSF 2022

List of Topics

Incidents and lessons learned since last ITSF

Presentations should report on relevant incidents / accidents and lessons learned since the last ITSF and the actions they triggered on the institute's safety policies. It is strongly suggested that all participating laboratories contribute to this session.

Equipment certification

Presentations should explain how the different institutions deal with the necessary safety certification of equipment, including in-kind contributions (both from a point of view of receiving institution and exporting institution) and in-house developments (equipment developed in-house or equipment designed in-house and produced by industry). The specific problem of certification and legal responsibilities when an institution sells or donates second-hand equipment, the differences between the certification processes in Europe, the United States, and Russia including the cultural and quality assurance differences.

Risk assessment

The presentations should deal with the approach, level of detail, ownership and implementation of risk assessment for small, medium, and large size experiments, including chemical and hazardous materials, working from heights and fall protection. Presentations could also address the specific issues related to the cooperation / collaboration between different institutions present on one campus or involved in one given experiment and the safety coordination of building sites.

Continuous improvement in HSE matters

The presentations would treat issues like; How are safety policies and processes implemented? How successful are these implementations and which improvements are required? How are safety reviews conducted? The presentations should concentrate on practical examples and should not describe safety management systems.

New Projects and Challenges

The presentations should describe new projects and the safety concerns with these new projects. Presentations may also address the issues associated with decommissioning and repurposing of accelerator and experimental areas.

Environmental Protection and sustainability

Environmental Protection and sustainability session presentations could focus on prevention/preparedness/intervention/mitigation/lessons learnt of pollution, energy usage, approaches to energy reduction, environmental sustainability approaches, protection of natural resources, and efforts and best practices in managing and capturing greenhouse gasses.

Communications

Presentations would give good examples of; What safety awareness communication mechanisms have been efficient, effective, and well received by staff? Best practices for employee engagement, incentive programs, annual performance review, other?

Incident/Accident Management

How are near miss incidents categorized and reviewed compared to Health, Safety, and Environmental accidents? How are safety statics disseminated to staff and management? Best practices for incident reviews, follow-up, event communication, and lessons learned. How are lessons learned, action plans, follow up, and closure tracked?

Technical risks

How prevention of specific risks is ensured e.g. laser, electrical and machine equipment, cryogenics, transport, handling etc... focusing on practices deemed efficient to be shared with the other Labs for inspiration or more...? Electrical Safety within experiments, how it is ensured, rights and obligations of the experimenters?

Safety culture and behavior

In the different labs the safety culture should be adapted to the safety awareness of the different stakeholders both internal and external. How Safety prescriptions are applied to ensure the highest probability to have them implemented and also very important shared and communicated thus triggering a safety culture development? What makes difficult/impossible the establishment and development of a Safety culture, what should be implemented to keep continuous improvement and buy-in?

Fire Safety

Latest update on Fire risk assessment methodologies? Outcome of the collaboration among labs on fire safety, emergency evacuation, fire resistance of materials/equipment, fire detection, confinement, extinguishing, etc.

Safety Training

Presentations should deal with how to set up safety training, individually or part of a general training program. Best practices in e-learning versus classroom training including staff acceptance of e-learning. Exchange and possible sharing of safety training between laboratories.

Safety for complex shared research centres

Presentations should deal with safety issues concerning sharing a research site with different stakeholders with (possible) different rules and guidelines concerning safety. Examples could show upon differences in safety training, work order systems etc.