



Director's Report

LNGS - XLIII SC

29 April 2015

Safety First

Safety audit of LNGS underground areas by External Advisory Committee

- Roberto Saban (CERN) – Chair
- Ingo Ruehl (CERN) – handling and transport
- Roberto Bozzi (CERN) – ventilation systems
- Jean-François Bouteille (ESRF) – electrical systems
- Paul Berkevens (ESRF) – radiation safety and access
- Domenico Barone – Italian regulations in matter of safety

Two visits to LNGS: 2015 June and November

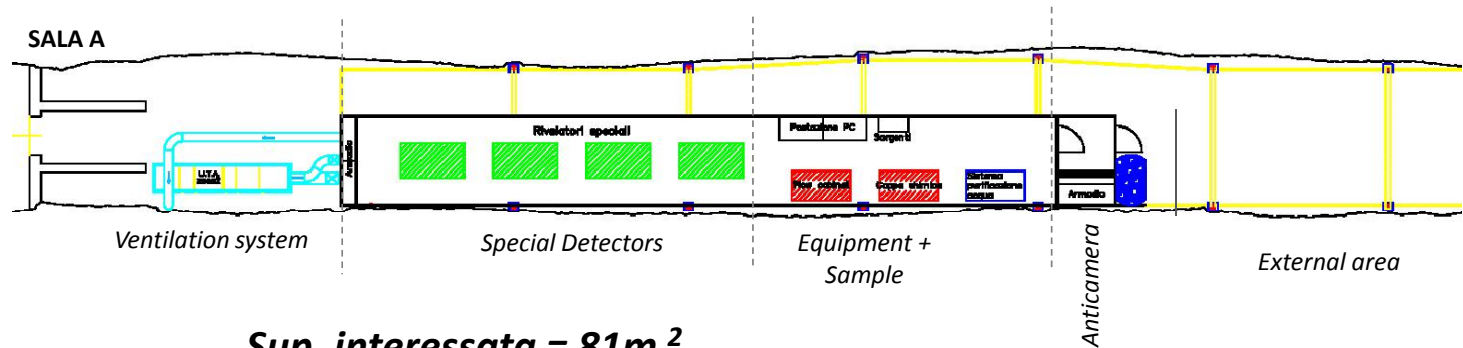
Recommendations by March 2016

Crystal Facility

- Comprehensive project has been prepared
 - Selection of high purity raw materials
 - Preparation of crystal growth charges
 - Three crystal growth plants
 - Crystal mechanical processing
- **Project review to be organized**

Low-background facility extension

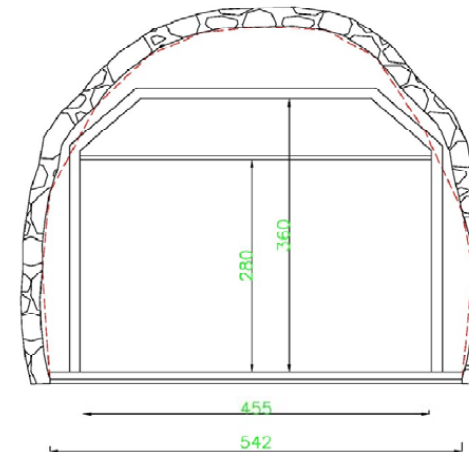
CAMERA GRIGIA E ANTICAMERA LABORATORIO BASSA RADIOATTIVITÀ



Sup. interessata = 81m²

STRUMENTAZIONE PREVISTA:

n.4 rivelatori speciali
Sistema HVAC
Cappa chimica
Flow cabinet
Cassaforte schermata per sorgenti radioattive
Sensori Ossigeno
Sistema di illuminazione
Sistemi antincendio



Mechanical design

- Donato and his team are eager to operate 3-d printers to satisfy most challenging requests
 - Including selection/development of low-activity resins

Stores & goods reception

- Are being re-organized by Benedetto Gallese
- Benedetto will also take care of an inventory of raw materials

Data connection

- 10 Gb/s router is being installed today (29/4)
- Router and line operational for users next week after completion of tests

Thanks to Sandra Parlatti and her team

LNGS web site

- New web site is on-line since April 15
 - **webteam:** Daneile Castri, Mattia Paris, Sandra Parlati, Marco Galeota, Sonia Sebastiani, Alessia Giampaoli, Roberta Antolini
 - Please send comments/suggestions to roberta.antolini@lngs.infn.it



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