

Transnational Access policy: proposal and discussion

Ezio Previtali - LNGS

Transnational Access - Horizon Europe Framework



Horizon Europe is the **new EU Program (2021-2027)** on research and innovation.

In EU framework, **Transnational Access ensures free of charge access** to the best European research infrastructures.
(Apart from the cost of research itself, travel, accommodation and subsistence costs reimbursed by the projects budget)

This opportunity is open **to all European researchers** and to some extent **to researchers from non-EU countries**.

This could be done **if agreements between Research Infrastructures and Researchers (*Host Institutions*)** are in place

Inside UL community many fields of research could be organized to share resources with a transnational access policy

Budgets for new experiments in Astroparticles Physics are strongly increasing: a better use of resources is mandatory.

Agreement between UL could guaranty access to specific facilities and could produce an important impact to optimize existing and future resources.

LSC – LNGS draft agreement



AGREEMENT BETWEEN

Laboratorio Subterráneo de Canfranc (Huesca, SPAIN)

and

Laboratori Nazionali del Gran Sasso, Istituto Nazionale di Fisica Nucleare, (Assergi, ITALY)

*In the framework of an international collaboration among research underground laboratories and in the framework of the international effort on searches for rare events, **this Agreement defines the terms of Research Collaboration (RC) and Transnational Access (TA) between the Laboratori Nazionali del Gran Sasso (INFN-LNGS) and the Laboratorio Subterráneo de Canfranc (LSC)** to reflect the rapid increase of collaboration and synergy between the two research infrastructures. Users at LNGS and LSC will benefit from a dedicated agreement to access experimental surface and underground areas, ultra-low background instrumentation, and facilities to support research in both sites.*

LSC – LNGS draft agreement



Recently, it has been discussed in the framework of the AstroParticle Physics European Consortium (APPEC) how crucial is to foster coordination and synergy between underground laboratories to face future challenges in research for rare events. *This Agreement aims to reinforce the connection and collaboration between LNGS and LSC by a TA program and RC.....*This protocol establishes the RC program and *the rules for allowing LNGS personnel to access and work at LSC and vice versa.*

.....LNGS staff and associated personnel (within experimental collaborations or approved research activities) can access the LSC by applying to the Safety Office and after undergoing appropriate training as required by the internal rules in effect at LSC. Similarly, for *LSC staff and associated personnel accessing LNGS* by applying to the User Office and demonstrating appropriate knowledge of LNGS safety rules as detailed in the INFN General Conditions attached to this document

LSC – LNGS draft agreement



.....*LSC (LNGS) personnel authorized to access LNGS (LSC) may use underground/surface facilities included in the approved proposal upon agreement with the person in charge.* This agreement must be added to the approved application. Requests to use the facility should follow the rules of the host institution. A list of facilities accessible to this Agreement is provided

The use of facilities by LSC (LNGS) staff at LNGS (LSC) will be the responsibility of the group leader that could indicate a local contact person for practical purposes. *Costs associated with facility use will be agreed* upon both Parties in advance. *Travel expenses and consumables costs will not be charged to the host laboratory.....*

Access to UL resources

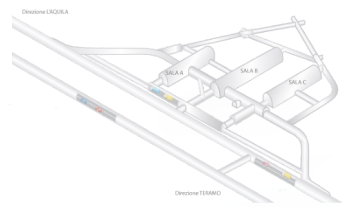
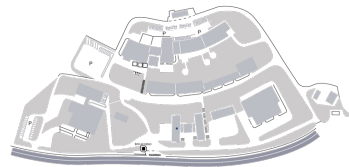


As a general approach:

- It will be possible to establish direct collaboration between UL
- An optimization of the existing and future infrastructures is possible
- The interchange of researchers could help in exchanging experiences and resources
- An optimal use of resources could help in optimizing costs and strategies

There are some important aspects:

- A more clear and complete list of possible facilities and infrastructures available have to be identified
- The sharing resources must identify a real common interest in the collaboration between ULs
- Involvements of scientific collaboration could be of extreme interest to optimize possible investments
- A medium/long term Transnational Access program must be defined
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Thank You