

Activity of the USER GROUP (from January 2009)

G.Cardella

Coordinator of the user group:

G.Casini, P.Figuera, V.Rosso, M. Taiuti
(December 2008 - December 2010)

TASKs:

G.Casini	-	CS beams
P.Figuera	-	Tandem Beams
V.Rosso	-	Applications
M.Taiuti	-	NEMO

What are we doing?

Our task is to collect suggestions from the users and report them to the Laboratory

We should contribute to improve the quality of this laboratory with our work

Looking at what other laboratories do, and following a very old idea of one of the first Directors of this Lab (G.Pappalardo), we decided to prepare the END of EXPERIMENT FORM

This is a form that we invite to fill at the end of each experiment. We are searching also some extension of this form useful for the NEMO case.

Fill this form for an user is its contribution to maintain in good status the LAB. It is an occasion to give some ideas to solve general problems.

From February this year there where about 44 experiments planned until the end of July, not all where performed. Up to now we got 15 FORMS

What are the main results from the collected forms? I show some of the comments we have collected - I begin with an example of good information about the status of a device useful for the following users:

"Important help from the "vacuum" group (Salomone, Di Stefano, Campagna) in the Ciclope chamber to overcome technical problems with the pre-vacuum pumps (These problems are of course currently present). Once started the vacuum conditions in Ciclope were very good (around 3×10^{-6}) and stable.

Comments on LNS services: ...We thank the target service laboratory (Marchetta, Costa) for the high quality target preparation, in particular the very thin C targets ($< 20 \text{ ug/cm}^2$)

We used the new software and board for target moving that seems very good and easy to use

Comments on acquisition room:electrical ground problems between Ciclope and acquisition room make difficult situations to resolve when a part of the electronics (power supply, amplifiers) is in the ciclope chamber and the other is in the acquisition room (no common ground)

Comments on guest house: ..two foreign guests have used the guest-house during experiment. No problem found"

SOME small comments

In questo turno siamo stati abbastanza fortunati (i.e. no problem G.C)

Comments on LNS services: The cell culture facility is well-equipped and organized.

Comments on guest house: ..They are very useful but apparently quite old structures.

Comments on the LNS acquisition system (if used) : No problems with it
Reasons of possible break times: we had problem with power shut down due to bad weather conditions. This caused problems with vacuum and with the accelerators as well. We got anyhow the beam time requested
Comments:The UPS should be repaired

How can we resume the collected results?

15 forms on 44 experiments means that perhaps 30 times every thing was good?

There is in general a good evaluation of the services offered by the laboratory

Unfortunately we must underline some problems mainly connected with sudden shut down of the accelerators, due to small perturbations of the electric lines and the problem with Tandem at High Voltage

There is an enormous lost of time expecially for the CS after the power failures. We must say that this has always been a problem of this lab (but also of other Labs), it was solved for a certain time using the UPS machines but now it seems that UPS are not well working and in some cases are themselves a source of problems.

Other problems came from the water of the cooling systems again very dangerous for the machines

The END OF EXPERIMENT form is a source of information for the users, we have to find a way to make public some of the information (THE USER GROUP NEWSLETTER?). We strongly encourage you to fill these forms, we will modify a little their format and we will put them also on the web to allow easier filling.

Another important objective is to maintain in good status the list of users

We are organizing a database of the users.

I remind you that the user assembly is composed by :

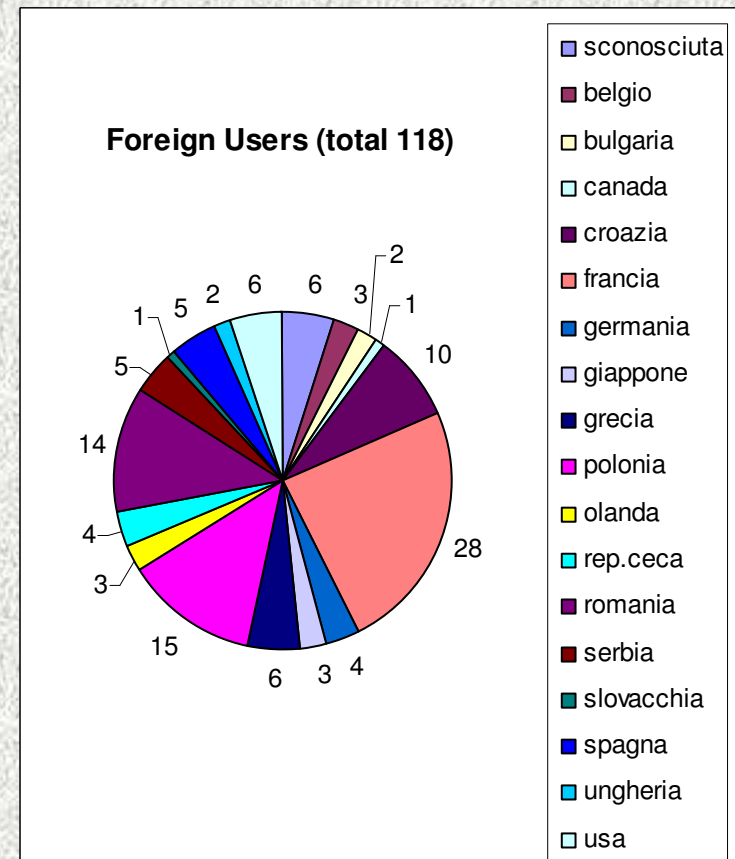
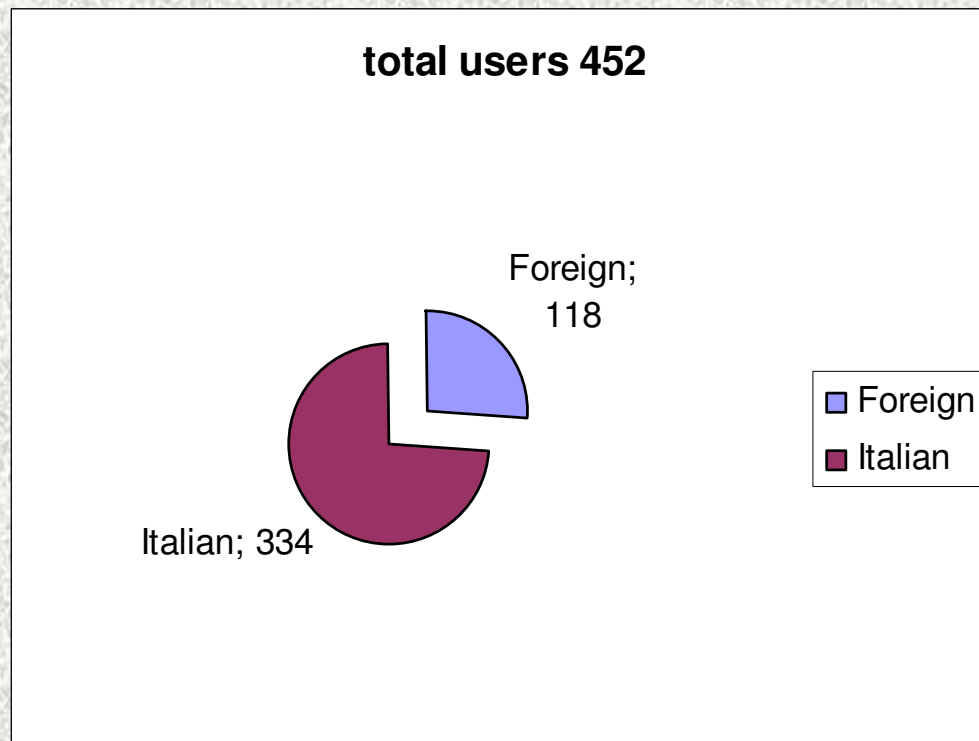
“all the proposers of the experiments approved by the PAC during the running year and during the three previous years. Subject to the agreement of the Director of the LNS, the proposers of experiments approved by the National Scientific Committee and intending to use the LNS facilities can participate in the Assembly”

However in the form of the PAC submission there is no the e-mail of all the participants

Therefore the list of users cannot be easily maintained. We will ask the spokespersons to put this information on the END OF EXPERIMENT form.

Some results on the analysis of this list updated to the 2008 PAC -updating with last PAC is going:

We have about 450 users, 120 are foreign from 17 countries



LNS USERS meeting July 10th 2009

Program

9:00 M.Lattuada "Opening address"

9:10 G.Cardella "Activity of the user group"

I topic FRIBS

9:20 L.Calabretta "A possible FRIBS upgrading"

9:50 C.Sfienti "One month of radioactive beam at LNS & LOI FRIBS"

10:20 G.Cardella- M.Papa "CHIMERA LOIs for FRIBS upgrading"

10:40 coffee break

11:00 G.Casini "Fazia LOI for FRIBS upgrading"

11:20 open discussion on FRIBS

II topic EXCYT

12:00 D.Rifuggiato "Perspectives for EXCYT"

12:20 open discussion on EXCYT

13:00 Lunch

III topic NEMO

14:30 P.Piattelli "The Catania Harbour and Porto Palo sites for NEMO"

14:50 open discussion

IV topic GENERAL

15:30 P.Figuera "News on the LNS User Support Service"

15:40 open discussion

17:00 end of the meeting